

(Deemed to - be - University u/s 3 of UGC Act, 1956)

Sri Balaji Vidyapeeth Campus

Pillaiyarkuppam, Puducherry - 607 402. website : www.sbvu.ac.in

KASTURBA GANDHI NURSING COLLEGE

website: www.kgnc.ac.in

SHRI SATHYA SAI COLLEGE OF NURSING

website: http://sbuv.ac.in/ssscon/

Curricula for Bachelor of Science in Nursing



2019 - 2020 onwards

B.Sc.(Nursing) – Four Year Programme - Revised Syllabi & Regulations
As approved by the Academic Council
Meeting held on 21.11.2019

(Deemed - to - be - University Declared u/s 3 of UGC Act - 1956)

Mahatma Gandhi Medical College Hospital & Research Institute Campus

Pillaiyarkuppam, Puducherry - 607 402. website: www.sbvu.ac.in



BACHELOR OF NURSING

(B.Sc(NURSING) Four Years Course)

Syllabi & Regulations

As approved by the Academic Council meeting held on 21.11.2019
2019 - 2020

4 Years – B.Sc. (N) Degree Syllabus

Rules, Regulations and Curriculum of this University have been placed before the Standing Academic Committee, consisting of the following Faculty of this Institution.

1. Dr.Renuka. K - Chairman

2. Dr. D. Karaline Karunagari - Member (External)

3. Prof.Malliga Kannan - Member (External)

4. Prof.Sumathy.P - Member

5. Prof. Annie Annal.M - Member

6. Prof. Rajeswari.S - Member

7. Asso.Prof.Prabavathy.S - Member

8. Asso.Prof.Bamalakshmi .V - Member

As approved by the Academic Council meeting held on 21.11.2019

Details of Syllabus revision in Board of Studies & Academic Council's Approval

S.No	Year	Syllabus revision	BOS-Date	Academic Council Approval Date
1	2016-2017	Foundation in Yoga Therapy	10.5.2016	11.8.2016
2	2017-2018	Incorporation of Palliative Care in Nursing Curriculum	08.03.2018	17.3.2018
3	2018-2019	 Integration of middle level health provider. Compliance to INC guide lines for admission & scheme of examinations. 	13.05.2019	22.05.2019
4	2018-2019	 Transgender inclusive nursing curriculum (Incorporation in INC prescribed syllabus) 	01.03.2019	21.11.2019

B.Sc. (N) DEGREE COURSE 2019-20

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Declared u/s 3 of UGC Act 1956

GENERAL CONSIDERATIONS AND TEACHING APPROACH

- 1. The training, though broad based and flexible should aim to provide an educational experience required for health care in our country. Graduates trained for Health care has wide range of career opportunities.
- 2. Toundertaketheresponsibilities of services ituations which is a changing condition and of various types, it is essential to provide adequate placement training tailored to the needs of such services as to enable the graduates to become effective instruments of implementation of those requirements. To avail of opportunities and be able to conduct professional requirements, the graduate shall endeavour to have acquired basic training in different aspects of nursing care.
- 3. The importance of the community aspects of health care and of rural health care services is to be recognized. This aspect of education & training of graduates should be adequately recognized in the prescribed curriculum. Its importance has been systematically upgraded over the past years and adequate exposure to such experiences should be available throughout all the three phases of education & training. This has to be further emphasized and intensified by providing exposure to field practice areas and training during the period. The aim of the rural training is to enable the fresh graduates to function efficiently under such settings.
- 4. The educational experience should emphasize health and community orientation instead of only disease and hospital orientation or being-concentrated-on-curative-aspects. As such all the basic concepts of modern scientific nursing education are to be adequately dealt with.
- 5. Theremustbeenoughexperiencestobeprovidedforselflearning. Themethods and techniques that would ensure this must become a part of teaching-learning process.
- 6. Adequate emphasis is to be placed on cultivating logical and scientific habits of thought, clarity of expression and independence of judgement, ability to collect and analyze information and to correlate them.
- 7. The educational process should be placed in a historic background as an evolving process and not merely as an acquisition of a large number of disjointed facts without a proper perspective. The history of nursing with reference to the evolution of knowledge both in this country and the rest of the world should form a part of this process.
- 8. Everyeffortshouldbemadetoencouragetheuseofactivemethodsrelatedtodemonstrationandon first-hand experience. Students will be been courage to learn in small groups, through peer interactions so as to gain maximal experience through contacts with patients and the communities in which they live. While the curriculum objectives often refer to areas of knowledge or science, they are best taught in a setting of clinical relevance and hands on experience for students who as similate and make this knowledge a part of their own working skills.

- 9. The Clinical posting should be organized in small groups of preferably not more than 10 students so that a teacher can give personal attention to each student with a view to improve his skill and competence in handling of the patients.
- 10. Properrecordsoftheworkshouldbemaintainedwhichwillformthebasisforthestudents'internal assessment and should be available to the inspectors at the time of inspection of the college by the Nursing Council of India.
- 11. Everyattemptistobemadetoencouragestudentstoparticipateingroupdiscussionsandseminarsto enable them to develop personality, character, and expression, to function either independently as a team leader.
- 12. Facultymembershouldavailallmoderneducationaltechnologywhileteachingthestudentsandto attain this objective, Medical Educational units/Departments to established in all nursing colleges for faculty development and providing learning resource material to teachers.

SBV VISION & MISSION

VISION :	
	Sri Balaji Vidyapeeth will strive to be a premier global health sciences university leading in the
	frontiers of education, research and patient care.
MISSION	J :
	To create an innovative ecosystem that facilitates the development of health care professionals.
	To contribute to the health care workforce with competent and committed professionals.
	To provide preventive, curative and palliative high-quality evidence-based care that is affordable and accessible.
	To foster a culture of scientific inquiry, research and innovation in contemporary and emerging health and related sciences.
	To be inclusive and committed in promoting wellness and empowerment of society.
VALUES	:
	Inclusiveness, Integration, Innovation
	Engagement, Empowerment, Excellence

Philosophy

Health is a state of well-being that enables a person to lead a physically, psychologically, socially and economically productive life. Health is a right of all the people. Individuals, families and communities have a responsibility towards maintaining their health.

Nursing contributes to the health services in a vital and significant way in the health care delivery system. It recognizes national health goals and it committed to participate in the implementation of National Health Policies and programmes. It aims at identifying health needs of the people, planning and providing quality care in collaboration with other health professional and community groups.

Scope of nursing practice encompasses provision of promotive, preventive, curative and rehabilitative aspects of care to people across their life span in wide variety of health care settings. Practice of nursing is based upon application of basic concepts and principles derived from the physical, biological and behavioural sciences, medicine and nursing.

Nursing is based on values of caring, and aims to help individuals to attain independence in self-care. It necessitates development of compassion and understanding of human behavior among its practitioners to provide care with respect and dignity and protect the rights of individuals & groups.

Undergraduate nursing program is broad based education within an academic framework specifically directed to the development of critical thinking skills, competencies & standards of required for practice of professional nursing and midwifery as envisaged in National Health Policy 2002.

The teachers have the responsibility to be role models and create learning environment that enables students to acquire inquiry driven, self-directed learning and foster an attitude of lifelong learning.

Under graduate nursing education program prepares its graduates to become exemplary citizen by adhering to code of ethics and professional conduct at all times in fulfilling personal, social and professional obligations so as to respond to national aspirations.

Aim

The aim of the undergraduate nursing program is to:

Prepare graduates to assume responsibilities as professional, competent nurses and midwives in providing promotive, preventive, curative and rehabilitative services.

Prepare nurses who can make independent decisions in nursing situations, protect the rights and facilitate individuals and groups in pursuit of health, function in the hospital, community nursing services and conduct research studies in the areas of nursing practice. They are also expected to assume the role of teacher, supervisor and manager in a clinical /public health setting

Objectives

On Completion of the two-year M.Sc. Nursing programme, the graduate will be able to: -

- 1. Apply knowledge from physical, biological and behavioral sciences, medicine including alternative systems and nursing in providing nursing care to individuals, families and communities.
- 2. Demonstrate understanding of life style and other factors, which affect health of individuals and groups.

- 3. Provide nursing care based on steps of nursing process in collaboration with the individuals and groups.
- 4. Demonstrate critical thinking skill in making decisions in all situations in order to provide quality care.
- 5. Utilize the latest trends and technology in providing health care.
- 6. Provide promotive, preventive and restorative health services in line with the national health policies and programmes.
- 7. Practice within the framework of code of ethics and professional conduct and acceptable standards of practice within the legal boundaries.
- 8. Communicate effectively with individuals and groups and members of the health team in order to promote effective interpersonal relationships and teamwork.
- 9. Demonstrate skills in teaching to individuals and groups in clinical / community health settings.
- 10. Participate effectively as members of the health team in health care delivery system.
- 11. Demonstrate leadership and managerial skills in clinical/community health settings.
- 12. Conduct needs-based research studies in various settings and utilize the research findings to improve the quality of care.
- 13. Demonstrate awareness, interest and contribute towards advancement of self and of the profession.

REGULATIONS OF THE UNIVERSITY

(Admission/Selection/Examination)

	These regulations shall be called the regulations for the Bachelor of Nursing Degree Course of Sri Balaji Vidyapeeth, Puducherry.
□ Coui	They shall come into force from the academic year 2019-2020, as approved by the Academic neil meeting held on 21.11.2019
	The regulation and syllabi are subject to modification by the Standing Academic Committee Members.
1.	ELIGIBILITY for ADMISSION /ADMISSION REQUIREMENT
	Minimum age for admission 17 yrs on or before 31st Dec of the year of admission.
	The minimum education requirement Higher Secondary School Certificate Examination (12 years study) (or) Senior School Certificate Examination (10+2), Pre-degree examination (10+2) (or)
	Any equivalent with 12 yrs schooling from recognized board or university with science (Physics/ Chemistry/ Biology/ English) with minimum of 45% marks.
	5% of marks is relaxed for SC/ST Candidates
	Married candidates are also allowed.
	Candidate shall be medically fit.

2. SELECTION OF STUDENTS

ENTRANCE TEST

Selection of the candidate should be based on the merit of the entrance examination held by the University or competent authority or as per regulation of the university from time to time.

3. DURATION OF THE COURSE & COURSE OF STUDY

Duration of course shall be four years including Internship.

4. MEDIUM OF INSTRUCTION

English shall be the medium of instruction.

5. MINIMUM WORKING DAYS IN ACADEMIC YEARS

Each academic year shall consist of not less than 200 working days.

6. REGISTRATION

A candidate admitted into B.Sc. (N) Degree Course in our institution of the SBV University, shall submit the prescribed fee & declaration in the format to the university within the prescribed date. For NRI candidates, the University has to issue an equivalent certificate as per the regulations.

7. ATTENDANCE REQUIRED FOR APPEARING EXAMINATION

a) Examination will be conducted in both theory and practical as prescribed. Candidates will be

permitted to appear for the university examinations in the subject only if they secure not less than 85% of attendance in theory and 90% in practical in each subject of the respective years.

b) A candidate must complete 100% of hours notified in each of practical areas before award of degree.

8. CONDONATION FOR SHORTAGE OF ATTENDANCE

Condonation of shortage of attendance in aggregate upto 10% (between 75% - 85%) in each Year may be granted by the college Academic Committee and as per the regulations of university.

9. INTERNAL ASSESSMENT Theory

Internal assessment will be done in each subject according to the scheme of examinations. The IA marks will be on the basis of the performance in the assignments, class tests, and practical test in the clinical areas. The methods can be followed by taking from 3 theory and 3 practical examinations from sessional and model practicals.

10. EXAMINATIONS

- a) The university examinations will be conducted in Annual pattern for all the 4 years.
- b) The particulars of subjects for various examinations and distribution of marks are detailed in the scheme of examination.
- c) The examination for the main subjects will be conducted by the university and the marks for the internal examination will be awarded by the concerned Head of the Department and the same will be forwarded by the Principal, College of Nursing to the university.
- d) The university practical examinations shall be jointly conducted by one internal & one external examiner duly appointed by the university.

The university examination will be scheduled in the month of August.

Supplementary exam will be held in the month of February.

The maximum number of attempts has been waived off. However, to appear for the final year examination, the student should have cleared all the paper in previous examination.

- 1) Anatomy & physiology question paper will consist of sec-A Anatomy of 37 marks & B Physiology should be of 38 marks.
- 2) Nutrition & Bio-chemistry & question paper will consist of section-A Nutrition of 45 marks and section-B of Bio chemistry of 30 marks.
- 3) Pharmacology, Pathology, Genetics: Pharmacology with 38 marks, Pathology with 25 marks and Genetics with 12 marks.
- 4) Nursing Research & Statistics Nursing Research should be of 50 marks & statistics of 25 marks.
- 5) Minimum pass marks shall be 40% only for English.
- 6) Minimum pass marks for all other subjects shall be 50% in each of the theory & practical papers separately.
- 7) Theory & practical examinations for Introduction to Computer to be conducted as college examination and marks to be sent to the University for Inclusion in the marks sheet.

- 8) A candidate must complete 100% of hours notified in each of the practical areas before award of degree.
- 9) A candidate has to pass in theory and practical exam separately in both internal & external of each paper.
- 10) If a candidate fails in either theory or practical paper he/she has to reappear for both the papers.
- 11) Maximum numbers of attempts are permitted for each paper with a condition that a student completes her/ his course within 8 years.
- 12) Maximum number of candidates for practical examination should not exceed 20 /day for all the subjects except Community Health Nursing (15 / day).
- 13) All practical examinations must be held in the respective clinical areas.
- 14) No institution shall submit internal marks of students more than 75% is if 40 students are admitted in a course the average score of the 40 students shall not exceed 75% of total internal marks.
- 15). An examiner should be a lecturer or above in a college of nursing with M.Sc (N) in concerned subject and minimum of 3 years of teaching experience. To be an examiner for nursing foundations course faculty having M.Sc (N) with any specialty shall be considered.

11. VACATION

May 4 weeks

Dec 2 weeks

12. ELIGIBILITY / MAXIMUM DURATION FOR THE AWARD OF THE DEGREE

- a) The candidates shall be eligible for the degree of bachelor of nursing when they have undergone the prescribed course of study for a period of not less than four years in an institution approved by the university and have passed the prescribed examination in all subjects.
- b) The maximum period to complete the course successfully should not exceed 8 years.

13. MARKS REQUIRED FOR A PASS

- i. 50% of marks in the university Theory examination.
- ii. 50% of marks in the university Practical examination.
- iii. 50% of marks in the internal examination both in each theory, practical & Viva-Voce examination. If a candidate fails in either theory or practical paper, he/she has to re-appear for both the papers

14. DECLARATION OF CLASS

A successful candidate obtaining 75% and more marks in the grand total aggregate in the first attempt shall be declared to have passed with distinction.

A successful candidate obtaining 60% and more but less than 75% of marks in the grand total aggregate shall be declared to have passed with first class.

A successful candidate obtaining 50% and more but less than 60% of marks in the grand total aggregate shall be declared to have passed with second class.

A Candidate who has not appeared for examination in the first attempt, but has obtained more than 60 % in the grand total aggregate shall be awarded second class.

Ranks shall be declared on the basis of the aggregate marks obtained by the candidate in the university examination subjects of the course. Only those candidates who have passed all the subjects in all examination in the first attempt shall be eligible for the award of rank.

Revised - Course of Instruction

Duration

Course Duration - 4 Years

Weeks available per year - 52 weeks

Vacation - 6 weeks

Gazetted holidays - 15 days (2 weeks)

Examination (including preparatory) - 4 weeks

Available weeks - 40 weeks

Hours per week - 40 hours

Practical - 30 hours / week

Theory - 10 hours / week

Internship Practical - 48 hours / week

Hours available per academic year - 1600

Course of Instruction

FIRST YEAR

Sl.No	Subject	Theory (In Hrs) (Class and Lab)	Practical (In Hrs) (Clinical)	In Hrs
1	English	60		
2	Anatomy	60		
3	Physiology	75		
4	Nutrition	60 + 2*		
5	Biochemistry	30		
6	Nursing Foundations	265+200	450	
7	Psychology	75		
8	Microbiology	75		
9	Introduction to Computers	45		
10	Hindi/Regional Language**	30		
11	Library Work / Self Study			
12	Co-curricular Activities-Introduction to Yoga			
	Total	977	450	100
	Total Hours = 1527			

^{**} Optional * EVS Hrs

Note: 73 Hrs Allotted for Unit Test / Sessional

Exams SECOND YEAR

Sl.No	Subject	Theory (In Hrs) (Class and Lab)	Practical (In Hrs) (Clinical)	In Hrs
1	Sociology	60 + 16*		
2	Pharmacology	52		
3	Pathology	38		
4	Genetics	15 + 2*		
5	Medical-Surgical Nursing (Adult including geriatrics) - I	210	720	
6	Community Health Nursing – I	90 + 17*	135	
7	Library work / Self Study			50
8	Co-curricular Activities			35
	Total	500	855	85
	Total Hours = 1527			
	Internship			
	Community Health Nursing		120	
	Total Hours = 1560			

*EVS Hrs

Note: 40 Hrs Allotted for Unit Test / Sessional Exams

THIRD YEAR

Sl.No	Subject	Theory (In Hrs) (Class and Lab)	Practical (In Hrs) (Clinical)	In Hrs
1	Medical-Surgical Nursing (Adult including geriatrics) - II	120	270	
2	Child Health Nursing	105	270	
3	Mental Health Nursing	90	270	
4	Nursing Research & Statistics	45	45	
5	Library work / Self Study			50
6	Co-curricular Activities			50
	Total	360	855	100
	Internship		175	
	Medical-Surgical Nursing		80	
	Child Health Nursing			
	Total Hours = 1570			

Note: 30 Hrs Allotted for Unit Test / Sessional Exams

FOURTH YEAR

Sl.No	Subject	Theory (In Hrs) (Class and Lab)	Practical (In Hrs) (Clinical)
1	Midwifery and Obstetrical Nursing	90	360
2	Community Health Nursing – II	90 + 13*	135
3	Management of Nursing Services and Education	60+30	
4	Communication & Education Technology	60+30	
	Total	373	495
	Total Hours = 868		

^{*}EVS Hrs

Intern-ship (Integrated Practice)

Sl.No	Subject	Theory (In Hrs) (Class and Lab)	Practical (In Hrs) (Clinical)
1	Midwifery and Obstetrical nursing	-	240
2	Community Health Nursing – II	-	75
3	Medical Surgical Nursing (Adult and geriatrics)	-	255
4	Child Health Nursing	-	65
5	Mental Health Nursing	-	95
	Total		730
	Total Hours = 730		

Note:

- 1. Internship means 8 hours of integrated clinical duties in which 2 weeks of evening and night shift duties are included.
- 2. Internship should be carried out as 8 hours per day @ 48 hours per week.
- 3. Students during internship will be supervised by nursing teachers.
- 4. Fourth year final examination to be held only after completing internship.
- 5. As per INC, 50 hours of Environmental Science (EVS) are placed / incorporated in selected subjects namely Community Health Nursing I & II, Nutrition, Genetics, Sociology.

Scheme of Examination

FIRST YEAR

	Subject	Assessment							
Sl.No			Internal		External		Total		
		Hours	Min	Max	Min	Max	Min	Max	
1	Anatomy & Physiology	3	12	25	38	75	50	100	
2	Nutrition & Biochemistry	3	12	25	38	75	50	100	
3	Nursing Foundations	3	12	25	38	75	50	100	
4	Psychology	3	12	25	38	75	50	100	
5	Microbiology	3	12	25	38	75	50	100	
6	English	3	10	25	30	75	40	100	
7	Introduction to Computers	3	12	25	38	75	50	100	
Practical and Viva Voce									
1	Nursing Foundations		50	100	50	100	100	200	

SECOND YEAR

	Subject	Assessment							
Sl.No		Hours -	Internal		External		То	tal	
			Min	Max	Min	Max	Min	Max	
8	Sociology	3	12	25	38	75	50	100	
9	Medical-Surgical Nursing (Adult including geriatrics) - I	3	12	25	38	75	50	100	
10	Pharmacology, Pathology, genetics	3	12	25	38	75	50	100	
11	Community Health Nursing – I	3	12	25	38	75	50	100	
Practical and Viva Voce									
1	Medical Surgical Nursing – I		50	100	50	100	100	200	

THIRD YEAR

	Subject	Assessment							
Sl.No		Поли	Internal		External		Total		
		Hours	Min	Max	Min	Max	Min	Max	
12	Medical Surgical Nursing – II	3	12	25	38	75	50	100	
13	Child Health Nursing	3	12	25	38	75	50	100	
14	Mental Health Nursing	3	12	25	38	75	50	100	
15	Nursing Research & Statistics	3	12	25	38	75	50	100	
Practio	cal and Viva Voce								
3	Medical Surgical Nursing – II		25	50	25	50	50	100	
4	Child Health Nursing		25	50	25	50	50	100	
5	Mental Health Nursing		25	50	25	50	50	100	

FOURTH YEAR

		Assessment						
Sl.No	Subject	Have	Internal		External		То	tal
		Hours	Min	Max	Min	Max	Min	Max
16	Midwifery and Obstetrical Nursing	3	12	25	38	75	50	100
17	Community Health Nursing – II	3	12	25	38	75	50	100
18	Management of Nursing Services and Education	3	12	25	38	75	50	100
19	Communication and Education Technology	3	12	25	38	75	50	100
Praction	Practical and Viva Voce							
6	6 Midwifery and Obstetrical Nursing		25	50	25	50	50	100
7	Community Health Nursing – II		25	50	25	50	50	100

EXAMINATION REGULATIONS

Essentialities for qualifying to appear for professional examinations.

The performance is essential components of training are to be assessed, based on:

1. Attendance

85% of attendance in a subject for appearing in the examination is compulsory inclusive of attendance in no lecture teaching. i.e. seminars, group discussions, demonstrations, practicals, hospital (Tertiary, Secondary, Primary) postings and bed side clinics, etc.,

For appearing at the University Examination, student should have 85% attendance in theory and 90% in practical in each subject. Even if shortage is seen in one subject, he/she will be detained for the entire examination. Students cannot appear separately for the individual subjects during the first appearance at the professional examination.

2. Internal Assessment

- i. It shall be based on day-to-day assessment (see note), evaluation of student assignment, preparation for seminar, clinical case presentation etc.
- ii. Regular periodical examinations shall be conducted throughout the course. The questions of number of examinations are left to the institution.
- iii. Day to day records should be given importance during internal assessment.
- iv. Weightage for the internal assessment shall be as given in the working sheet.

Student must secure at least 50% marks of the total marks fixed for internal assessment in a particular subject in order to be eligible to appear in final university examination of that subject

Note: Internal assessment shall relate to different ways in which student's participation in learning process during semesters is evaluated. Some examples are as follows.

- i. Preparation of subject for student's seminar.
- ii. Preparation of a clinical case for discussion.
- iii. Clinical case study / problem solving exercise.
- iv. Participation in project for health care activities in the community (planning stage to evaluation)
- v. Proficiency in carrying out a practical or a skill in small research project. No institution shall submit average internal marks of the total students more than 75%, (i.e.,) if 40 students are admitted in a course the average score of the 40 shall not exceed 75% of total internal marks.

Records to be maintained for evaluation

- * Procedure book/Chart book/Log book
- * Assignments
- * Case Study
- * Care plans
- * Subject record
- * Drug

Family care study Assessment forms

Time Limit for Passing

An B.Sc (N) student has to pass the 4 years course within eight years from the date of registration as per the norms prescribed by the university.

University Examinations

Theory question papers will be set by the external examiners as prescribed. Nature of questions will be essay and short answer type and marks for each part indicated separately. Model questions are attached for each paper.

Practicals / clinicals (will be conducted in the laboratories or wards). The objective will be to assess proficiency in skills, conduct of experiment, spotters such as instruments, articles, bones and nutrients and problem-solving approach. Clinical cases should preferably include common diseases and not esoteric syndromes or rare disorders. Emphasis should be on candidate's capability in eliciting physical signs and their interpretation. Clinical cases / practicals shall take into account common diseases which the student is likely to come in contact in practice.

Scrutiny of theory question papers received from Paper Setters

In order to ensure uniformity and minimum standards acceptable for evaluation, a vetting committee be constituted by the Vice-Chancellor for various subjects.

The examinations are to be designed with a view to ascertain whether the candidates has acquired the necessary knowledge, minimum skills along with clear concepts of the fundamentals which are necessary for him to carry out his professional day to day work competently. Evaluation will be carried out on an objective basis.

During evaluation (both Internal and External) it shall be ascertained if the candidate has acquired the skills.

There shall be one main examination in a year and a supplementary to be held not later than 6 months after the publication of its results

Note: Results of all university examinations shall be declared before the start of teaching for next semester. i.e., within 2 weeks after practical examination. Permission for retotaling and re-evaluation will be given as per the rules of the university.

Grace Marks

Maximum of five grace marks for each subject is not permitted, and grace marks should not exceed five marks in total marks for one academic year in theory paper only.

Pillaiyarkuppam, Puducherry.

Academic Calendar for B.Sc. (N) Degree Course

Sl.No	Particulars	Tentative Schedule
1	Beginning of the Academic Session	August
2	Dead line for Admission	October / November
3	Revision / preparation for University Examination	July
4	University Examination (Theory & Practical)	August
5	Vacation	May
6	Supplementary Examination	February

UG PROGRAMME EDUCATIONAL OBJECTIVES-KGNC

- PEO1: Nurse who provides preventive, promotive, curative, rehabilitative and palliative care to the patients/clients in all the stages of life including transgender community with safety and compassion.
- PEO 2: Lifelong learner committed to recent advancements in health care delivery system including alternative therapy to provide quality patient care.
- PEO 3: Good listener and communicator with the patients, family members, health team members and society.
- PEO 4: Educator who teaches and counsels patients and family members.
- PEO 5: Professional who provides high standards of care and maintains professional integrity.

PROGRAMME OUTCOME

At the end of the 4 year of training nursing graduates of KGNC Should be

- PO1. Apply the preclinical, para clinical and basic sciences knowledge in all health care settings.
- PO2. Perform history collection and physical examination to identify the needs and problems of individuals of all age groups, families and communities including transgender in all health care settings.
- PO3. Provide nursing care based on steps of nursing process in collaboration with the individuals and groups.
- PO4. Demonstrate critical thinking skill in making decisions in all situations in order to provide quality care.
- PO5. Provide preventive, promotive, palliative and restorative health services in line with the national health policies and programmes.
- PO6. Practice within the framework of code of ethics and professional conduct and acceptable standards of practice within the legal boundaries.
- PO7. Participate and communicate effectively with individuals and groups and members of the health team in order to promote effective interpersonal relationships and teamwork.
- PO8. Prepare the patients for various investigations and identify the abnormal findings pertaining to invasive and noninvasive diagnostic and therapeutic procedures.
- PO9. Demonstrate skills in teaching individuals and groups and able to incorporate the latest trends and technology in providing health care in all settings
- PO10. Demonstrate leadership and managerial skills in clinical/community health settings.
- PO11. Conduct needs-based research studies in various settings and utilize the research findings to improve the quality of care.
- PO12. Demonstrate awareness, interest and contribute towards advancement of self and the profession

I YEAR ANATOMY

Placement: **FIRST YEAR** Time: Theory – 60 Hrs.

Course Description:

The course is designed to enable students to acquire knowledge of the normal structure of various human body systems and understand the alterations in anatomical structures in disease and practice of nursing.

Unit	Time (hrs)	Objectives	Skill	Assignments	Assignment Method
I	5	Describe the anatomical terms, organization of human body and structure of cell, tissues, membranes and glands	Introduction to Anatomical terms and organization of the Human Body * Human cell structure * Tissues – Definition, Types, Characteristics, Classification, Location, Functions and Formation * Membranes and glands – classification and structure Alterations in disease applications and implications in nursing	* Lecture Discussion * Explain using charts, microscopic slides, Skeleton and Torso * Demonstrate cells, types of tissues, Membranes and glands * Record book	Shortanswer questions * Objective Type
II	6	* Describe the structure and functions of bones and joints	The Skeletal System * Bones- types, structure, Axial & Appendicular Skeleton * Bone formation and growth * Description of bones * Joints-classification and structure Alterations in disease Applications and implications in nursing	* Lecture Discussion * Explain using charts, Skeleton Loose bones and Joints * Record book	* Short answer questions * Objective Type
III	7	* Describe the structure and functions of muscles	The Muscular System * Types and structure of muscles * Muscle groups Alterations in disease Applications and implications in nursing	* Lecture Discussion * Explain using charts, microscopic slides,Skeleton and Torso * Demonstrate cells, types of tissues, membranesand glands * Record book	* Short answer questions * Objective Type
IV	7	* Describe the structure and functions of nervous system	The Nervous System * Structure of neurologia & neurons * Somatic nervous system - Structure of brain, spinal cord, cranial nerves, spinal nerves, peripheral nerves	* Lecture Discussion * Explain using chart, models, slides, specimens * Record book	* Short answer questions * Objective type

			* Autonomic Nervous System – sympathetic, parasympathetic - structure, location Alterations in disease Applications and implications in Nursing		
V	6	* Explain the structure and functions of sensory organs	The Sensory Organs * Structure of skin, eye, ear, nose, tongue (Auditory and Olfactory apparatus) Alterations in disease Applications and implications in nursing	* Lecture Discussion * Explain using chart, models, slides, specimens * Record book	* Short answer questions * Objective Type
VI	7	* Describe the structure & Functions of circulatory and lymphatic system	Circulatory and Lymphatic system * The Circulatory System - Blood- microscopic structure - Structure of the Heart - Structure of the blood vessels – Arterial and Venous system - Circulation: systemic, pulmonary, coronary * Lymphatic system - Lymphatic vessels and lymph - Lymphatic tissues - Thymus gland Lymphnodes,Spleen,Lymphatic Nodules - Alterations in disease Applications and implications in nursing	* Lecture Discussion * Explain using chart, models, slides, specimens * Record book	* Short answer questions * Objective type
VII	5	* Describe the structure & Functions of respiratory system	The Respiratory System * Structure of the organs of respiration Muscles of respiration: Intercostals and Diaphragm Alterations in disease Applications and implications in nursing	* Lecture Discussion * Explain using chart, models, slides, torso specimens * Record book	* Short answer questions * Objective type
VIII	6	* Describe the structure & Functions of digestive system	The Digestive System Structure of Alimentary tract and accessory organs of digestion Alterations in disease Applications and implications in nursing	* Lecture Discussion * Explain using chart, models, slides, torso specimens * Record book	* Short answer questions * Objective type

IX	4	* Describe the structure & Functions of excretory system	The Excretory System (Urinary) * Structure of organs of urinary system: Kidney, Ureters, Urinary bladder, Urethra Alterations in disease Applications and implications in nursing	* Lecture Discussion * Explain using chart, models, slides, torso specimens * Record book	* Short answer questions * Objective type
X	3	* Describe the structure & Functions of endocrine system	The Endocrine System * Structure of Pituitary, Pancreas, thyroid. Parathyroid, Thymus & adrenal glands. Alterations in disease Application and implications in nursing	* Lecture Discussion * Explain using chart, models, slides, torso specimens * Record book	* Short answer questions * Objective type
XI	4	* Describe the structure & Functions of reproductive system	The Reproductive System including Breast * Structure of female reproductive organs * Structure of male reproductive organs * Structure of the breast Alterations in disease Applications and implications in Nursing Transgender Curriculum Transgender-Inclusive Nursing Curriculum * Introduction to terminologies about Sex and Gender. LGB, Intersex etc. * Differences in sex development Application and Implication in nursing	* Lecture Discussion * Explain using chart, models, slides, torso specimens * Record book	* Short answer questions * Objective type

Bibliography

Textbook:

1. Singh (I), Anatomy & Physiology for Nurses, JP Brothers Publications, 2005.

Suggested References:

- 1. Kathleen (JW), Ross & Wilson Anatomy and Physiology in Health and Illness, Churchill Livingston Publication, Philadelphia, 8th P Edition, 1999.
- 2. Tortora, Principles of Anatomy & Physiology, John Wiley & Sons, New York, 8th Edition, 2003

PHYSIOLOGY

Placement: **FIRST YEAR** Time: Theory – 60 Hrs.

Course Description:

The course is designed to assist the students to acquire knowledge of the normal physiology of various human body systems and understand the alterations in physiology in disease and in practice of nursing

Unit	Time (hrs)	Objectives	Skill	Assignments	Assignment Method
I	5	* Describe the physiology of cell, tissues, membranes and Glands	 Cell Physiology * Tissue formation, repair * Membranes & glands—functions Alterations in disease Applications and implications in nursing Addition: - * Introduction to physiology. * Homeostasis. * Membrane transport. Resting membrane potential & action potential. 	* Lecture discussion	* Short answer questions * Objective type
II	4	* Describe the formation and growth and movements of skeleton system	 Skeletal System * Bone formation & growth * Bones – Functions and movements of bones of axial and appendicular skeleton, bone healing * Joints and joint movement Alterations in disease Applications and implications in nursing 	 * Lecture discussion * Explain using Charts, Models, Specimen and Films * Demonstration of joint movements 	* Short answer questions * Objective type
III	5	* Describe the muscle movements and tone and demonstrate muscle contraction and tone	* Muscular System * Muscle movements, Muscle tone, Physiology of muscle contraction, levels and maintenance of posture Alterations in disease Applications and implications in nursing * Addition: - * Structure of skeletal, smooth& cardiac muscle. * Neuromuscular junction. * Mechanism of skeletal muscle contraction. * Excitation-contraction coupling. * Mechanism of smooth muscle contraction. Applied aspects.	* Lecture discussion * Explain using Charts, Models, Specimen and Films * Demonstration of muscle movements, tone and contraction	* Short answer questions * Objective type
IV	10	* Describe the physiology of nerve stimulus, reflexes, brain,		* Lecture discussion * Explain using charts, films	* Short answer questions

*	cranial and spinal nerves Demonstrate reflex action and stimulus	 * Nerve – impulse definitions and mechanism * Functions of brain, spinal cord, cranial and spinal nerves * Cerebrospinal fluid composition, circulation and function * Reflex arc, reflex action and reflexes PALLIATIVE CURRICULUM	* Demonstration of nerve stimulus, reflex action, reflexes	* Objective type
		 * Autonomic functions Pain: Acute & Chronic, Neuropathic pain, Phantom pain. * Autonomic learning and bio feedback, Pruritis Alterations in disease Applications and implications in nursing. 		
		* Synapse. * Functions of Thalamus, Hypothalamus, Basal ganglia, Cortex & cerebral cortex * Sensory receptors, Ascending tracts& sensory cortex.		
		* Motor cortex &Descending tracts. Sleep & EEG.		

	* Describe the	Circulatory System	*	Lecture	*	Short
	physiology of	* Blood formation, composition,		discussion		answer
	blood and	blood groups, blood coagulation	*	Explain using		questions
	functions of	* Hemoglobin: Structure,		charts, films	*	Objective
	heart	Synthesis and Breakdown,	*	Demonstration		type
	* Demonstrate	Variation of molecules,		of blood		
	blood cell	estimation		cell count,		
	count,	* Functions of Heart, Conduction,		coagulation,		
	coagulation,	Cardiac cycle, circulation –		grouping,		
	grouping,	principles, control, factors		Hemoglobin		
	Hb.,	influencing BP, and Pulse		estimation,		
	monitoring					
12		E .		•		
			*			
				of pulse, BP		
		The state of the s				
		<u> </u>				
		affecting it Applied aspects.				
	12	physiology of blood and functions of heart * Demonstrate blood cell count, coagulation, grouping, Hb., BP and Pulse monitoring	physiology of blood and functions of heart * Demonstrate blood cell count, coagulation, grouping, Hb., BP and Pulse monitoring 12 12 **Blood formation, composition, blood groups, blood coagulation ** Hemoglobin: Structure, Synthesis and Breakdown, Variation of molecules, estimation * Functions of Heart, Conduction, Cardiac cycle, circulation — principles, control, factors influencing BP, and Pulse Alterations in disease Applications and implications in nursing **Addition: - **Blood Functions **RBC-Formation, Function & variations **RBC-Types, Functions & variations **Phagocytosis & inflammation.** **Hemoglobin-Anemia, Polycythemia.** **Structure of Heart.** **ECG, Blood pressure & its regulation **Cardiac output & factors	physiology of blood and functions of heart * Demonstrate blood cell count, coagulation, grouping, Hb., BP and Pulse monitoring 12 12 **Blood formation, composition, blood groups, blood coagulation * * Hemoglobin: Structure, Synthesis and Breakdown, Variation of molecules, estimation * Functions of Heart, Conduction, Cardiac cycle, circulation — principles, control, factors influencing BP, and Pulse Alterations in disease Applications and implications in nursing **Addition: - * Blood Functions * RBC-Formation, Function & fate. * WBC-Types, Functions & variations * Phagocytosis & inflammation. * Haemostasias — Mechanism, disorders & anticoagulants * Hemoglobin-Anemia, Polycythemia. * Structure of Heart. * ECG, Blood pressure & its regulation * Cardiac output & factors	physiology of blood and functions of heart * Demonstrate blood cell count, coagulation, grouping, Hb., BP and Pulse monitoring 12 12 **Blood formation, composition, blood groups, blood coagulation, Synthesis and Breakdown, Variation of molecules, estimation * Functions of Heart, Conduction, Cardiac cycle, circulation — principles, control, factors influencing BP, and Pulse Moliton: * Blood Functions * RBC-Formation, Function & fate. * WBC-Types, Functions & variations * Phagocytosis & inflammation. * Hemoglobin-Anemia, Polycythemia. * Structure of Heart. * ECG, Blood pressure & its regulation * Cardiac output & factors * Cardiac output & factors * Blood formation, composition, blood coagulation and Breakdown, Variation of molecules, estimation of blood cell count, coagulation, grouping, Hemoglobin estimation, heart conduction system * Measurement of pulse, BP	physiology of blood and functions of heart

VI	7	* Describe the physiology andmechanism of respiration * Demonstrate spirometry	The Respiratory System * Functions of respiratory organs * Physiology of respiration * Pulmonary ventilation, Volume * Mechanics of respiration * Gaseous exchange in lungs * Carriage of oxygen and carbon-dioxide * Exchange of gases in tissues * Regulation of respiration Alterations in disease Applications and implications in nursing Addition: - * Gas exchange in tissues	* Lecture discussion * Explain using charts, films * Demonstration of spirometry	* Short answer questions * Objective type
VII	7	 Describe the physiology of digestive system Demonstrate BMR 	* Functions of organs of digestive tract, movements of alimentary tract, digestion in mouth, stomach, small intestines, large intestines, absorption of food, functions of liver, gall bladder and pancreas * Metabolism of carbohydrates, protein and fat Addition: - * Applied Aspects	* Lecture discussion * Explain using charts, films	* Short answer questions * Objective type
VIII	5	* Describe the physiology of excretory system	* Functions of kidneys, ureters, urinary bladder and urethra * Composition of urine * Mechanism of urine formation * Functions of skin * Regulation of body temperature * Fluid and electrolyte balance Alterations in disease Applications and implications in nursing	* Lecture discussion * Explain using charts, films	* Short answer questions * Objective type
IX	4	* Describe the physiology of sensory organs	The Sensory Organs * Functions of skin, eye, ear, nose, tongue Alterations in disease Applications and implications in nursing	* Lecture discussion * Explain using charts, films	* Short answer questions * Objective Type
X	7	* Describe the physiology of endocrine glands	* Functions of Pituitary, Pineal body, Thymus, Thyroid, Parathyroid, Pancreas, Suprarenal, Placenta and Ovaries and Testes Alterations in disease Applications and implications in nursing * Addition: - * Introduction * Functions of Growth Hormone,	* Lecture discussion * Explain using charts, films * Demonstration of BMR	* Short answer questions * Objective Type

			Posterior pituitary hormones, Thyroxine, PTH, Insulin & Glucagon, Glucocorticoids & Mineralocorticoids. * Applied aspects. Transgender Curriculum Transgender-Inclusive Nursing Curriculum Cross hormone therapy and it's physiological effects in Transmen and Transwoman		
XI	7	* Describe the physiology of male and female reproductive system	* Reproductive system * Reproduction of cells - DNA, Mitosis, Meosis, Spermatogenesis, Oogenesis * Functions of female reproductive organs: Functions of breast, female sexual cycle * Introduction to embryology * Functions of male reproductive organs: Male function in reproduction Male fertility system Alterations in disease Applications and implications in nursing Addition: - * Sex Hormones &its functions. * Pregnancy &Lactation. * Spermatogenesis. Male &Female Contraception Methods	* Lecture discussion * Explain using charts, films, models, specimens	* Short answer questions * Objective type
		* Describe the physiology of Lymphatic and Immunolo gical System	Lymphatic and Immunological System * Circulation of lymph * Immunity -Formation of T-Cells and B-Cells - Types of Immune response - Antigens - Cytokines - Antibodies	* Lecture discussion * Explain using charts, films	* Short answer questions * Objective type

Bibliography:

- 1. Sembulingam (K), Essentials of Medical Physiology, J.P.Brothers Publications, New Delhi, 4th Edition, 2006.
- 2. Chaudhuri, Concise Medical Physiology, New Central Book Agency Pvt. Ltd., Calcutta, 4th Edition, 2002.
- 3. Kathleen (JW), Ross & Wilson Anatomy and Physiology in Health and Illness, Churchil Livingston Publication, Philadelphia, 8th Edition, 1999.
- 4. Tortora, Principles of Anatomy & Physiology, John Wiley & Sons, New York, 8th Edition, 2003
- 5. Thibodeau (GA), Anthony's Textbook of Anatomy & Physiology, Elsevier, 18th Edition, 2007.

BLUE PRINT OF QUESTION PAPER- ANATOMY (SECTION A) FIRST YEAR B.Sc. NURSING

		Total marks: 37
1	Short answer questions (SAQ) of 5 marks each	5 x 5 = 25
2	Very short answer questions (VSAQ) of 2 marks each	6 x 2 = 12
		Total = 37

Unit	Objectives/content area	Marks	Weight age (%)		vledge call)	Underst	_	Applio (problem	
	Objectives/content area	allotted	8- (/-/	SA	VSA	SA	VSA	SA	VSA
I	Introduction of anatomical terms and organization of the human body	2	5.4		1				
II	Skeletal system	2	5.4				1		
III	Muscular system	2	5.4		1				
IV	Nervous system	2(*5)	5.4			1*			
V	sensory organs	2	5.4						1
VI	Circulatory and Lymphatic system	5	13.5	1					
VII	Respiratory system	5	13.5	1					
VIII	Digestive system	5	13.5			1			
IX	Excretory system	5	13.5			1			
X	Endocrine system	2	5.4		1				
XI	Reproductive system	5	13.5					1	
	Total	37	100%	5 SAQ & 6 VSAQ					

Questions selected should be of 70% Understanding

15% Application

15% Recall

Note: questions accessing the students Knowledge/Recall should not exceed 15% Understanding should not exceed 70% Application should not exceed 15% *Denotes choice question

BLUE PRINT OF QUESTION PAPER - PHYSIOLOGY (SECTION B)

I year B.Sc., Nursing

			Total marks: 37
1	1.	Short answer questions (SAQ) of 5 marks each	6x 5 = 30
2	2.	Very short answer questions (VSAQ) of 2 marks each	$4x \ 2 = 8$
			Total = 38

Unit	Objectives/content area	Marks allotted	Weightage (%)	Knowledge (recall)		Understanding (interpretation)		Application (problem solving)	
	-			SA	VSA	SA	VSA	SA	VSA
I	Cell physiology	2	5.2				1		
II	Skeletal & Muscular system	2	5.2				1		
III	Nervous system	4	10.4		1		1		
IV	Blood	5	13.15			1			
V	Cardiovascular system	5	13.15			1			
VI	Respiratory system	5	13.15			1			
VII	Digestive system	5	13.15	1					
VIII	Excretory system	5	13.15			1			
IX	Endocrine system	5	13.15	1					
X	Reproductive system	2*	-			1*			
	Total	38	100%						

^{*}Choice question can be taken from this unit.

KASTURBA GANDHI NURSING COLLEGE



SRI BALAJI VIDYAPEETH, MGMC & RI CAMPUS

Pillaiyarkuppam, Pondicherry- 607 402.

I Year - B.Sc (Nursing) Degree Examination ANATOMY & PHYSIOLOGY

Time: 1 1/2 Hrs Total Marks: 35

Answer Section A& B in separate answer books:

SECTION - A ANATOMY

Answer all the questions. **Maximum marks - 37**

Draw diagrams wherever necessary.

I. Short answer questions: (Any 5)

 $5 \times 5 = 25$

- 1. Describe the structure of the spinal cord.
- 2. Give the external features of stomach.
- 3. Describe parts and support of uterus. Mention a note on prolapse of uterus.
- 4. Describe the internal features of urinary bladder.
- 5. Describe interior of right atrium.
- 6. Name the parts of Respiratory system and describe left lung.

II Very short answer questions:

 $6 \times 2 = 12$

- 1. Enumerate Cranial Nervous.
- 2. Photoreceptors.
- 3. Name any four types of Synovial joint with example.
- 4. Draw a neat labelled diagram of a Human cell.
- 5. Deltoid muscle.
- 6. Name the hormones secreted by Pituitary gland

SECTION - B PHYSIOLOGY

Short answer questions (Any 6)

 $6 \times 5 = 30$

- 1. Draw a normal lead II ECG. Write the reasons for different waves
- 2. Name and explain the neuronal centers regulating respiration
- 3. Explain how insulin controls the blood glucose level
- 4. Describe the different stages of erythropoiesis. Add a note on factors affecting it.
- 5. Explain the different stages of deglutination.
- 6. Define GFR. What are the factors affecting it?
- 7. Explain the endometrial changes in menstrual cycle.

II. Very short answer questions:

 $4 \times 2 = 8$

- 8. Name any two functions of cell membrane
- 9. Draw and label the sarcomere
- 10. What is the purpose of collecting CSF sample?
- 11. What are the senses carried by dorsal column pathway?

NUTRITION

Placement: **FIRST YEAR** Time: Theory – 62 Hrs

Course Description:

Course Description: The course is designed to assist the students to acquire knowledge of nutrition for maintenance of optimum health at different stages of life and its application for the practice of nursing

	Time (hrs) Th. Pr					Assignment Method	
Unit			Objectives	Skills	Assignments		
I	4		* Describe the relationship between nutrition & health	Introduction * Nutrition: * History * Concepts * Role of nutrition in maintaining health * Nutritional problems in India * National Nutritional Policy * Factors affecting food and nutrition: socioeconomic, cultural, tradition, production, system of distribution, life cycle and food habits etc., * Role of food and its medicinal value * Classification of foods * Elements of nutrition: macro and micro * Calorie, BMR	* Lecture Discussion * Explaining using charts * Panel discussion	* Short answers * Objective Type	
II	2		* Describe the classification, functions, sources and recommended daily allowances (RDA) of Carbohydrates	Carbohydrates * Classification * Caloric value * Recommended daily allowances * Dietary Sources * Functions * Digestion, Absorption, Storage and Metabolism of carbohydrates * Malnutrition: Deficiencies and Over consumption	* Lecture Discussion * Explaining using charts	* Short answers * Objective Type	
III	2		* Describe the classification, functions, sources and recommended daily	Fats * Classification * Caloric value * Recommended daily allowances * Dietary Sources	* Lecture Discussion * Explaining using charts	* Short answers * Objective Type	

		allowances (RDA) of Fats	 * Functions * Digestion, Absorption, Storage and Metabolism * Malnutrition: Deficiencies and Over consumption 		
IV	2	* Describe the classification, functions, sources and recommended daily allowances (RDA) of Proteins	Proteins * Classification * Caloric value * Recommended daily allowances * Dietary Sources Functions * Digestion, Absorption, Storage and Metabolism * Malnutrition: Deficiencies and Over consumption	* Lecture Discussion * Explaining using charts	Short answers * Objective Type
V	3	* Describe the daily calorie requirement for different categories of people	* Unit of Energy Kcal * Energy requirements of different categories of people * Measurements of energy * Body Mass Index (BMI) and basic metabolism * Basal Metabolic Rate (BMR)determination and factors affecting	* Lecture Discussion * Explaining using charts * Exercise * Demonstration	* Short answers * Objective Type
VI	4	* Describe the classification, functions, sources and recommended daily allowances (RDA) of Vitamins	Vitamins * Classification * Caloric value * Recommended daily allowances * Dietary Sources * Functions * Absorption, synthesis, metabolism, storage and excretion * Deficiencies * Hypervitaminosis	* Lecture Discussion * Explaining using charts	* Short answers * Objective Type
VII	4	* Describe the classification, functions, sources and recommended daily allowances (RDA) of Minerals	Minerals Classification * Caloric value * Recommended daily allowances * Dietary Sources * Functions * Absorption, synthesis, metabolism, storage and excretion Deficiencies * Over consumption and toxicity	* Lecture Discussion * Explaining using charts	* Short answers * Objective Type

VIII	3		* Describe the sources, functions and requirements of Water & Electrolytes	Water & Electrolytes * Water: Daily requirements, Regulation of water metabolism, distribution of body water * Electrolytes: Types, Sources. Composition of body fluids * Maintenance of fluid & electrolyte balance * Overhydration, dehydration and water intoxication * Electrolyte imbalances	* Lecture Discussion * Explaining using charts	Short answers * Objective Type
IX	5	15	* Describe the cookery rules and preservation of nutrients * Prepare and serve simple beverages and different types of foods	Cookery rules and preservation of nutrients * Principles, methods of cooking and serving - Preservation of nutrients * Safe Food handling toxicity * Storage of food * Food preservation, food Additives and its principles * Prevention of food adulteration Act (PFA) * Food standards * Preparation of simple beverages and different types of food	* Lecture Discussion * Demonstration * Practice Session	* Short Answers * Objective Type * Asses sment of practice Sessions
X	7	5	* Describe the plan, balanced diet for different categories of people	* Elements * Food groups * Recommended Daily Allowance * Nutritive value of foods * Calculation of balanced diet for different categories of people * Planning menu * Budgeting of food * Introductionto therapeutic diets: * Naturopathy – Diet * Diet Counseling	* Lecture Discussion * Explaining using charts * Practice session * Meal planning	* Short Answers * Objective Type * Exercise on Menu Planning

371	4	* Describe	Role of Nurse in Nutritional	* Lecture	* Short
XI	4	Various	Programs	Discussion	answers
		national	* National, programs	* Explaining	* Objective
		programs	related to nutrition	with Slide/	Type
		related to nutrition	* Vitamin A deficiency	Film shows	
		* Describe the	program	* Demonstration	
		role of nurse in	* National iodine	of	
		assessment of	deficiency disorders	Assessment	
		nutritional	(IDD) program	of nutritional	
		status and	* Mid-day meal program	Status	
		nutrition	* Integrated child	* Case study	
		education	development scheme		
			(ICDS)		
			* National and		
			International agencies		
			working towards food /		
			nutrition		
			* NIPCCD, CARE, FAO.		
			NIN, CFTRI (Central		
			food technology and		
			research institute) etc.,		
			* Assessment of nutritional		
			status		
			* Nutrition education and		
			role of Nurse		
			* World food problems,		
			changes caused by		
			agriculture and over		
			grazing, effects of		
			modern agriculture,		
			fertilizer – Pesticide		
			problems, water logging,		
			salinity		

Reference:

- 1. Joshi (YK), Basics of Clinical Nutrition, Jaypee, Chennai, 2nd Edition, 2008.
- 2. Mahan (LK), Krause's Food, Nutrition, Diet & Therapy, Elsevier, 13th Edition, 2007.
- 3. Srilakshmi (B), Dietetics, New Age Int (P) Ltd., Publishers, Chennai, 5th Edition, 2007.

BIOCHEMISTRY

Placement: **FIRST YEAR** Time: Theory – 62 Hrs

Course Description:

The Course is designed to assist the students to acquire knowledge of the normal biochemical composition and functioning of human body and understand the alterations in biochemistry in diseases for practice of nursing

Unit	Time (hrs)	Objectives	Skills	Assignments	Assignment Method
I	3	* Describe the structure, composition and functions of cell * Differentiate between Prokaryote and Eukaryote cell * Identify techniques of Microscopy	Introduction * Definition and significance in nursing * Review of structure, composition and functions of cell * Prokaryote and Eukaryote cell organism * Microscopy	* Lecture discussion using charts, slides * Demonstrate use of microscope	* Short answer questions * Objective Type
II	6	* Describe structure and functions of cell membrane	Structure and functions of cell membrane * Fluid mosaic model tight junction, Cytoskeleton Transport mechanism: diffusion, osmosis, filtration, active channel, sodium pump * Acid Base balance maintenance & Diagnostic tests - PH Buffers	* Lecture Discussion	* Short answer questions * Objective Type
III	6	* Explain the metabolism of carbohydrates	Composition and metabolism of Carbohydrates * Types, structure, composition and uses - Monosaccharides - Disaccharides - Polysaccharides - Oligosaccharides * Metabolism Pathways of glucose: - Glycolysis - Gluconeogenesis: Cori's cycle, Tricarboxylic acid (TCA) cycle - Glycogenolysis - Pentose phosphate pathways (Hexose monophosphate)-Regulation of blood glucose Level Investigation and their Interpretations	* Lecture discussion * Demonstration of Laboratory tests	* Short Answer questions * Objective Type

VI	2	* Describe the types, composition and utilization of Vitamins & minerals	Composition of Vitamins and Minerals * Vitamins and minerals: - Structure - Classification - Properties - Absorption - Storage & transportation - Normal concentration Investigations and their interpretations	* Lecture discussion * Demon- stration of Laboratory tests	
VII	3	* Describe Immunoche mistry	 Immunochemistry Immune response Structure and classification of immunoglobins Mechanism of antibody production Antigens: HLA typing Free radical and Antioxi dants Specialised Protein: Collagen, Elastin, Keratin, Myosin, Lens Protein Electrophoretic and Quantitative determination of immunoglobins –ELISA etc., Investigations and their Interpretations Transgender Nursing Curriculum Targeted hormone levels in Transmen and transwoman 	* Lecture discussion * Demonst ration of Laboratory tests	* Short an swer questions * Objective Type

Bibliography:

Textbook:

1. Vasudevan (DM), Text Book of Biochemistry, J.P.Brothers Publication New Delhi, 3rd Edition, 2001.

Suggested Reading:

- 1. Lehninger, Principles of Biochemistry, Worth Publishers, New York, 3rd Edition, 2002.
- 2. Striyer (L), (1988). Biochemistry, Freeman & Company, New York, 3rd Edition, 1988.
- 3. Muray (RK), Harper's Illustrated Biochemistry, McGraw Hill, New Delhi, 27th Edition, 2006

MODEL OF A BLUEPRINT FOR BIOCHEMISTRY QUESTION PAPER – B.Sc.(N)

Each paper shall contain	Total marks: 30
4 Short Answer Questions (SAQ) for 5 marks	4 x 5 = 20
5 Very Short Answer Questions (VSAQ) for 2 marks	5 x 2 = 10

				Knowled	ge/ Recall	Underst	anding	Applic	cation
Sl. No	Unit	Weightage	Marks Allotted	SAQ (5)	VSAQ (2)	SAQ (5)	VSAQ (2)	SAQ (5)	VSAQ (2)
1.	I & II	32.4%	9			1	1		
2.	III	32.4%	9		1	1			
3.	IV	5.7%	2	1		1#			
4.	V	11.4%	4			1			1
5.	VI	5.7%	2				1		
6.	VII	11.4%	4				1		
	Total	100%	30	4 SAQ , 5 VSAQ					

Note: - # choice question

Questions selected should be of

70% Understanding, 15% Application, 15% Recall

Note: Questions assessing the students

- Knowledge/ Recall should not exceed 15%
- Understanding should not exceed 70%
- Application should not exceed 15%



KASTURBA GANDHI NURSING COLLEGE

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BIOCHEMISTRY MODEL QUESTION PAPER I YEAR B.Sc (N) SECTION – B

Instructions:

Answer all the questions.

Draw diagrams wherever necessary

Short answer questions

Answer any 4 questions

 $4 \times 5 = 20$

Total Marks: 30

- 1. Illustrate fluid mosaic model and its involvement in transport mechanisms. (2+3)
- 2. Write a note on any one organ and hormonal regulation of blood glucose level. (2.5+2.5)
- 3. What are lipoproteins? Name the different types and write their functions. (1+1+3)
- 4. How does metabolic alkalosis differ from respiratory alkalosis? Explain the cause and compensatory mechanism involved. (2+3)
- 5. Describe the formation of urea from ammonia. (5)

Very short answer questions

Answer the following

 $5 \times 2 = 10$

- 6. Write the normal value for fasting and post prandial glucose. (1+1)
- 7. Give any 2 differences between prokaryotic & Eukaryotic cell. (2)
- 8. Write any two conditions of edema due to hypoproteinemia. (2)
- 9. Name any 2 serum enzyme marker in myocardial infarction. (2)
- 10. Recall any one abnormality of collagen structure & its function. (1+1)

BLUE PRINT OF QUESTION PAPER – NUTRITION I year B.Sc Nursing

Total Marks: 45

1. Short answer questions (SAQ) of 5 marks each 5x5 = 252. Very short answer questions (VSAQ) of 2 marks each 10x2=20

Unit	Objectives/content area	Marks allotted	Weightage (%)	Knowledge (Recall)		Understanding (Interpretation)		Application (Problem Solving)	
			, ,	SAQ	VSAQ	SAQ	VSAQ	SAQ	VSAQ
I	Introduction Nutrition	2	4.5			1*	1		
II	Carbohydrates	7	15.5		1	1			
III	Fats	7	15.4	1	1				
IV	Proteins	7	15.5	1					1
V	Energy	5	11.1			1			
VI	Vitamins	2	4.5						1
VII	Minerals	4	8.9		1		1		
VIII	Water & Electrolytes	2	4.5		1				
IX	Cookery rules and preservation of nutrients	2	4.5						1
X	Balanced Diet	2	4.5						1
XI	Role of Nurse in Nutritional Programs	5	11.1			1			
	Total	45	100%	6 SAQ & 10 VSAQ					

^{*}Choice question can be taken from this unit.

Questions selected should be of 70% Understanding

15% Application

15% Recall

Note: questions accessing the students Knowledge/Recall should not exceed 15%

Understanding should not exceed 70%

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SRI BALAJI VIDYAPEETH UNIVERSITY

KASTURBA GANDHI NURSING COLLEGE

Pillaiyarkuppam, Pondicherry- 607 402.

I YEAR B.SC NURSING DEGREE EXAMINATION NUTRITION

Time: 1 1/2 Hrs Total Marks: 35

SECTION - A (45 Marks)

MAX Marks: 75 Time 3 hrs

- I. Short answer questions (Any 5)
- 1. Explain Digestion of carbohydrate
- 2. Explain Factors affecting basal metabolic rate
- 3. Classify fats and brief recommended daily allowances
- 4. Explain Nutritional anthropometry
- 5. Explain Nutritional problems in India
- 6. Explain the functions of Proteins

II. Very Short answer questions

10X2=20

- 7. Write the unit of energy
- 8. List Dietary Sources of carbohydrate
- 9. Sources of visible fat
- 10. Define scurvy
- 11. List Function of calcium
- 12. Describe the Iodine Deficiency
- 13. Define dehydration
- 14. Explain steps under menu Planning
- 15. List out methods of cooking Construct some strategies to prevent Vitamin A deficiency

NURSING FOUNDATIONS

Placement: FIRST YEAR	Hours of Instruction:
	Theory : 265 Hours
	Lab : 200 Hours
	Practical: 450 Hours

Course Description:

This course is designed to help the students to develop an understanding of the philosophy, objectives, theories and process on nursing in various supervised clinical settings. It is aimed at helping the students to acquire knowledge, understanding and skills in techniques of nursing and practice them in Supervised Clinical Settings

Unit	Time (hrs)	Objectives	Skills	Assignments	Assignment Method
I	10	* Describe the concept of Health, Illness and Health care agencies	Introduction * Concept of Health: Health Illness continuum * Factors influencing Health * Causes and risk factors for developing illness * Body defenses: Immunity and Immunization * Illness and Illness behaviour * Impact of illness on patient and family * Health care services: Health Promotion and Prevention, Primary care, Diagnosis, Treatment, Rehabilitation and Continuing care * Health care teams * Types of health care agencies * Hospitals: Types, Organiza tion and Functions * Health promotion and levels of disease prevention * Primary Health Care and its delivery: Role of nurse Palliative Curriculum * Impact of illness on patient and family. * Disease as an experience patient as a person with physical, emotional, psychosocial and spiritual concerns. * Health care services Continuing care palliative care end of life care Quality of life: meaning, example.	* Lecture Discussion * Visit to Health care agencies	*Essay type *Short answers *Objective type

			N	T	d. 70
		* Explain	Nursing as a profession	* Lecture	* Essay type
		concept and	* Definition and	Discussion	* Short
		scope of	Characteristics of a	* Demonstra-	answers
		nursing	Profession	tion	* Objective
		* Describe	* Nursing: -Definition, Con	* Labpractice	type
		values, code of	cepts, Philosophy,	* Supervised	
		ethics and	Objectives	clinical	
		professional	* Characteristics, nature and	practice	
		conduct for	scope of nursing practice		
		nurses in India	* Functions of nurse		
			* Qualities of a nurse		
			* Categories of nursing		
			personnel		
II	16		* Nursing as a profession		
			* History of nursing in India		
			* Values: Definition, Types,		
			Values clarification and		
			values in professional		
			Nursing: Caring and		
			Advocacy		
			* Ethics:		
			* Definition and ethical		
			principles		
			* Code of ethics and		
			professional conduct for		
			nurses.		
			* Palliative Curriculum		
			Ethics underlying human		
			interaction, respect, trust and		
			confidentiality Ethical and		

		de TD di f di		N. T.	III II
		* Explain the		* Lecture	* Essay type
		admission and	Hospital Admission and	Discussion	* Short
		discharge	Discharge	* Demonstra-	answers
		procedure	* Admission to the hospital	tion	* Objective
		* Perform the	* Unit and its preparation:	* Lab practice	type
		admission and	Admission bed	* Supervised	
		discharge	* Admission procedure	clinical	
		procedure for all	* Special considerations	practice	
		age group of	* Medico- legal issues		
		individuals	* Roles and responsibilities of		
		including	the nurse		
III	4	transgender	* Discharge from the hospital		
			* Types: Planned discharge,		
			LAMA and abscond,		
			Referrals and Transfers.		
			* Discharge Planning		
			* Discharge Procedures		
			* Special considerations		
			* Medico-legal issues		
			* Roles and responsibilities of		
			the nurse		
			* Care of the unit after		
			discharge Transgender		
			Curriculum Transgender-		
			Inclusive		

* Communicating effectively with patient teaching in nursing IV 10 * Communicating of transgender patients. * Using gender neutral terminologies verbally and document wise. * Communication and Nurse Patient relationship		<u> </u>	T .	l.,	<u> </u>	
Purposes, Process, Role of Nurse and Integrating teaching in Nursing Process Palliative Curriculum Attending skills: Active listening. Example of good and poor communication skill (role Play). Transgender Curriculum Communication with people from Transgender community Do's and Dont in communication with	IV	10	effectively with patient, families and team members and maintain effective human relations (projecting professional image) * Appreciate the importance of patient teaching in	charge of transgender patients. Using gender neutral terminologies verbally and document wise. Communication and Nurse Patient relationship Communication: Levels, Elements, Types, Modes, Process, Factors influencing Communication Methods of effective communication: Attending skills Rapport building skills Barriers to effective communication Helping relationships (NPR): Dimensions of Helping Relationships (NPR): Dimensions of Helping Relationship Communicating effectively with patient, families and team members and maintain effective human relations with special reference to communicating with vulnerable group (children, women, physically and mentally challenged and elderly)	Discussion * Role play & video film on the nurses interacting with the patient * Practicesession on patient teaching * Supervised clinical	* Short answers * Objective
transgender patient.	IV	10	the importance of patient teaching in	relationships (NPR): Dimensions of Helping Relationships, Phases of a Helping Relationship * Communicating effectively with patient, families and team members and maintain effective human relations with special reference to communicating with vulnerable group (children, women, physically and mentally challenged and elderly) Patient teaching: Importance, Purposes, Process, Role of Nurse and Integrating teaching in Nursing Process Palliative Curriculum Attending skills: Active listening. Example of good and poor communication skill (role Play). Transgender Curriculum Communication with people from Transgender community Do's and Dont in communication with	* Supervised clinical	
				transgender patient.		

			TO NO.	J. ¥	* 5
V	15	*Explain the concept, uses, format and steps of nursing process *Documents nursing process as per the format	* Critical Thinking and Nursing Judgment * Critical Thinking: Thinking and Learning * Competencies, Attitudes for Critical Thinking, Levels of critical thinking in Nursing * Nursing Process Overview: Application in Practice * Nursing process format: INC Current format, Assessment: * Collection of Data: Types, Sources, Methods * Formulating Nursing judgment: Data interpretation Nursing Diagnosis: * Identification of client problems * Nursing diagnosis statement * Difference between medical and nursing diagnosis Planning: Establishing Priorities. Establishing Priorities. Establishing goals and expected outcomes * Selection of interventions: Protocols and Standing orders * Writing the Nursing care plan Implementation: * Implementing the plan of care Evaluation: Outcome of care * Review and Modify Palliative Curriculum Palliative care in functional	_	* Essay type * Short answers
			nursing assessment		
VI	4	* Describe the purposes, types and techniques of recording and reporting	* Documentation and Reporting * Documentation: Purposes of Recording and reporting * Communication within the Health Care Team * Types of records: ward records, medical / nursing records * Common record keeping forms, computerized documentation * Guidelines for reporting: Factual basis, Accuracy, Completeness, Correctness,	* Lecture Discussion * Demonstration * Practical session * Supervised clinical practice	* Essay type * Short answers * Objective type

VII	15	* Describe the principles and techniques of monitoring and maintaining vital signs * Monitor and maintain vital signs	Vital signs * Guidelines for taking vital signs * Body temperature: * Physiology, Regulation, Factors affecting body temperature * Assessment of body temperature: sites, equipment and technique, special considerations * Temperature alterations: Hyperthermia, Heatstroke, Hypothermia * Hot and cold applications * Pulse: * Physiology and Regulation, Characteristics of the pulse, Factors affecting pulse * Assessment of pulse: sites, location, equipment and technique, special considerations * Alterations in pulse Respiration: * Physiology and regulation, mechanics Of breathing, characteristics of the respiration factors affecting respiration assessment of respiration: technique special consideration alternations in respiration * Blood pressure: Physiology & Regulation, Characteristics of the blood pressure, factors affecting blood pressure: Assessment of blood pressure: sites	* Lecture Discussion * Demonstra tion * Practical session * Supervised clinical practice	* Essay type * Short answers * Objective type
VIII	30	* Describe the purpose and process of health assessment * Describe the health assessment of each body system	 Health assessment Purposes Process of Health assessment Health history Physical examination: Methods: Inspection, Palpation, Percussion, Auscultation, Olfaction Preparation for examination. 	* Lecture Discussion * Demonstration * Practice on simulators * Supervised clinical practice	* Essay type * Short answers * Objective type

		* Perform health assessment of all age group including transgender	Patient and unit * General assessment * Assessment of each body system * Recording of health assessment Transgender Curriculum Transgender-Inclusive Nursing Curriculum * Health assessment of Transgender patients includes Identity and Partner confirmation social support for transgender in history taking format.		
IX	5	* Identify the various machinery, equipment and linen and their care	Machinery, Equipment and linen * Types: Disposables and reusable's Linen, Rubber goods, Glass ware, Metal, Plastics, Furniture, Machinery * Introduction: * Indent * Maintenance * Inventory	* Lecture Discussion * Demonstra- tion	* Essay type * Short answers * Objective type
X	60	* Describe the basic, physiological and psychosocial needs of patient * Describe the principles and techniques for meeting basic physiological and psychosocial needs of patient * Perform nursing assessment, plan, implement and evaluate the care for meeting basic, physiological and psychosocial needs of patient	* Basic needs (Activities of Daily Living) Providing safe and clean environment: * Physical environment: Temperature, Humidity, Noise, Ventilation, Light, Odour, Pest's control * Reduction of physical hazards: fire, accidents * Safety devices: Restraints, Side rails, Airways, Trapez, etc., * Role of nurse in providing safe and clean environment Hygiene: * Factors influencing hygienic practices * Hygienic care: Care of the Skin * Bath and pressure points, Feet and Nail, Oral cavity, Hair care,	* Lecture Discussion * Demonstration * Practice sessions * Supervised clinical practice	* Essay type * Short answers * Objective type * Assess with check list and clinical practical exami- nation

	Eyes, Ears and Nose	
	Assessment, principles,	
	types, equipment, procedure,	
	special considerations	
	* Patientenvironment: Room,	
	Equipment and Linen,	
	Making patient beds	
	* Types of beds and bed making	
	Comfort:	
	* Factors influencing comfort	
	* Comfort devices	
	Physiological needs:	
	Sleep and Rest:	
	* Physiology of sleep	
	* Factors affecting sleep	
	* Promoting rest and sleep	
	* Sleep disorders	
	Nutrition:	
	* Importance	
	* Factors affecting Nutritional	
	needs	
	* Assessment of nutritional	
	needs:	
	variables	
	* Meeting nutritional needs:	
	Principles, equipments, procedure and special	
	considerations Oral	
	Enteral: Naso / Orogastric,	
	Gastrostomy Parenteral	
	Urinary elimination:	
	* Review of physiology of	
	urinary elimination,	
	composition and	
	characteristics of urine	
	* Factors influencing urination	
	* Alteration in urinary	
	Elimination	
	*Types and collection of urine	
	specimen: Observation,	
	* Facilitating urine	
	elimination: assessment,	
	types, equipments,	
	procedures and special considerations	
	Providing urinal / bedpan	
	Condom drainage Perineal	
	care Catheterization	
	Care of urinary drainage	
	Care of urinary diversions	
	Bladder irrigation Bowel	
	elimination:	
· · · · · · · · · · · · · · · · · · ·	18	

- * Review of physiology of bowel elimination, composition and characteristics of feces
- * Factors affecting bowel elimination
- * Alterations in bowel elimination
- * Types and collection of specimens of feces:
 Observation
- * Facilitating bowel
 elimination: assessment,
 equipment, procedures and
 special considerations
 Passing of flatus tube
 Enemas Suppository
 Sitzbath Bowel Wash Care
 of ostomies

Mobility and Immobility:

- * Principles of body mechanics
- * Maintenance of normal body alignment and mobility *Factors affecting body alignment and mobility *Hazards associated with immobility Alteration in body alignment and mobility
- * Nursing interventions for impaired body alignment and mobility: Assessment, Types, Devices used, Method and Social considerations, Rehabilitation
- * aspects Range of motion exercises
- * Maintaining body alignment:
 positions Moving
 Lifting
 Transferring
 Walking
 Restraints

oxygenation:

- * Review of cardio-vascular and respiratory physiology
- * Factors affecting oxygenation
- * Alterations in oxygenation
- * Nursing interventions in oxygenation: assessment, types, equipments used,

- procedure and special considerations.
- * Maintenance of patent airway Oxygen administration Suction Inhalations: dry and moist Chest physiotherapy and postural drainage Care of chest drainage Pulse oximetry.CPR Basic life support
- * Review of physiological regulation of Fluid and Electrolyte and Acid- Base balances. Fluid, Electrolytes and Acid Base Balances. Factors affecting fluid, electrolytes and acid base balances. Alterations in Fluid and Electrolyte and Acid- Base balances
- * Nursing interventions in Fluid and Electrolyte and Acid-Base imbalances: assessment, types, equipment, procedure and special considerations Measuring fluid intake & output Correcting fluid and electrolyte imbalance: Replacement of fluids: Oral and Parenteral, Venipuncture, Regulating IV Flow rates, changing IV solutions and tubing, changing IV dressing Administering blood transfusion Restriction of fluids
- * Psychosocial needs Concepts of Cultural diversity, stress and adaptation, self-concept, Sexuality.
 - **LGBTQIA** health concepts needs healthcare, discrimination inclusive behavior nondiscriminatory policies for LGBTQIA confidentiality.
- * Medico legal issues: NALSA judgements, Decriminalization of consensual same sex relationship section 377 removal. 50

XI	20	* Describe	Infection control in clinical	* Lecture
7	20	principles and	settings	Discussion
		techniques for	* Infection control	* Demonstra-
		infection	* Nature of infection	tion
		control and bio	* Chain of infection	* Practiceses-
		medical waste	transmission	sions
		management in	* Defenses against infection	* Supervised
		supervised	natural & acquired	clinical
		clinical	* Hospital acquired infection	Practice
		settings	(Nosocomial infection)	1 1000100
			* Concept of asepsis: medical	
			asepsis, and surgical asepsis	
			* Isolation precautions	
			(Barriernursing):	
			* Hand washing : simple, hand	
			antisepsis and surgical	
			Antisepsis (scrub)	
			* Isolation:source & protective	
			* Personal protecting	
			equipments: types, uses and	
			technique of wearing and	
			removing	
			* Decontamination of	
			equipment and unit	
			* Transportation of infected	
			Patients	
			* Standard safety precautions	
			(Universal precautions)	
			* Transmission based	
			precautions	
			* Biomedical waste	
			management:	
			* Importance	
			* Types of hospital waste	
			* Hazards associated with	
			hospital waste	
			* Decontamination of hospital	
			waste	
			* Segregation and	
			Transportation and disposal	
-	-	-	•	•

VII	40	* Evplain tha	Administration of Madigations	* Lecture	* Feegy type
XII	40	* Explain the principles, routes, effects of administration of medications * Calculate conversions of drugs and dosages within and between systems of measurement * Administer drugs by the following routes- oral, intra dermal, subcutaneous, intramuscular, intra venous, topical, inhalation.	* Administration of Medications * General principles / considerations * Purposes of medication * Principles: 5 rights, special considerations, prescriptions, safety in administering medications and medication errors * Drug forms * Routes of administration * Storage and maintenance of drugs and nurse's responsibil ity * Broad classification of drugs * Therapeutic effects, side effects, toxic effects, idiosyncratic reactions, allergic reactions, drug tolerance, drug interactions * Factors influencing drug actions * Systems of drug measurement: Metric system, Apothecary system, Household measurements, solutions * Converting measurements units: Conversion within one system, conversion between systems, dosage calculations * Terminologies and abbreviations used in prescriptions of medications * Oral Drugs Administration: Oral, Sublingual and Buccal equipment, procedure * Parenteral General principles; decontamination and disposal of syringes and needles * Types of parenteral therapies * Types of syringes, needles, canula and infusion sets * Protection from needle stick injuries; Giving medications with a safety syringe	* Lecture Discussion * Demonstration * Practicesessions * Supervised clinical Practice	* Essay type * Short answers * Objective type * Assess with check list and clinical practical examination

* Routes of parenteral
therapies: Intra dermal:
purposes, site, equipment,
procedure, special
considerations Subcutaneous:
purposes, site, equipment,
procedure,
* Special considerations
Intramuscular: purposes,
site, equipment, procedure,
special considerations Intra
venous: purposes, site,
equipment, procedure,
special considerations
* Advanced techniques:
epidural, intra thecal, intra
osseous, intraperitoneal,
intra plural, intra-arterial
Role of nurse
* Topical Administration:
purposes, site, equipment,
procedure, special
considerations
* Application to skin
* Application to mucus
membrane: Direct
application of liquids
Gargles and swabbing the
throat Insertion of Drug
into body cavity:
* Suppository/medicated
packing in rectum /
vagina
* Instillation: Ear, Eye, Nasal,
Bladder, Vaginal, Rectal
* Irrigations: Ear, Eye, Nasal,
Bladder, Vaginal, Rectal
* Spraying: Nose and Throat
* Inhalation: Nasal, oral,
endotracheal/tracheal
(steam, oxygen and
medications)
* purposes, types equipment,
procedure, special
considerations
* Recording and reporting of
medications administered

3/111	10	* Describe the	Mosting pools of pour operative	* I a atrana	* Essevitives
XIII	10	* Describe the pre and post-	Meeting needs of peri operative patients	* Lecture Discussion	* Essay type * Short an-
		operative care	* Definition and concept of	* Demonstra-	swers
		of patients	perioperative nursing	tion	* Objective
		* Explain the	* Preoperative phase:	* Practiceses-	type
		process of	- Preparation of patient for	sions	* Assess
		wound healing	surgery	* Supervised	withcheck
		* Explain the	* Intra operative:	clinical	list and
		principles and	- Operation the atreset up and	practice	clinical
		techniques of	environment	1	practical
		wound care	- Role of nurse		examin
		* Perform care	* Post-operative phase:		ation
		of wounds	- Recovery unit		
			- Post-operative unit		
			- Post-operative care		
			* Wounds:types,classifications,		
			wound healing process,		
			factors affecting wound,		
			complications of wound		
			healing		
			* Surgical asepsis		
			* Care of the wound: Types,		
			equipments, procedure, special considerations		
			- Dressings, suture care		
			- Care of drainage		
			- Application of bandages,		
			binders, splints and slings		
			- Heat and Cold Therapy		
XIV	15	* Explain the	Meeting Special Needs of the	* Lecture	* Essay type
		care of patients	Patient	Discussion	* Short an-
		having	* Care of the patients having	* Casediscus-	swers
		alterations in	alteration in	sion	* Objective
		body	* Temperature (hyper and	* Supervised	Type
		functioning	hypothermia): Types,	clinical	
			Assessment, Management	practice	
			* Sensorium(unconsciousness):		
			Assessment, Management		
			* Urinary elimination		
1			(retention and incontinence): Assess-		
			ment, Management		
			* Functioning of sensory		
			organs (visual and hearing		
			impairment)		
			* Assessment of self-care ability		
			* Communication methods		
			and special considerations		
			* Mobility (physically		
			challenged, cast): Assessment		
			of self-care ability Commu-		
			nication methods and special		
		Ī	considera s ions	Ī	

	1		T		,
			* Mental status (mentally challenged): Assessment of self-care ability * Communication methods and special considerations * Respiration (distress): Types, Assessment, Management * Comfort(pain): Nature, Types, Factors influencing pain, Coping, Assessment. * Treatments related to gastro intestinal system: Nasogastric suctioning, Gastric irrigation, Gastric analysis Palliative Curriculum Bed sore/pressure ulcer/decubitus stages &management.		
XV	5	* Explain care of terminally ill patient	Care of Terminally ill patients * Concepts of loss, grief, griev ing process * Signs of clinical death * Care of dying patient: special considerations, Advance directives euthanasia, will, dying declaration, organ donation. * Medico Legal issues * Care of dead body: equipment, procedure and care of unit * Autopsy * Embalming Palliative Curriculum Advance Directives, Euthenesia signs of dying-clinical death cultural/aspects in case of dying religious End of life care Grief & Bereavement	* Lecture Discussion * Demonstration * Casediscussion/ Role play * Practicesession * Supervised clinical practice	* Essay types * Short answers
XVI	6	* Explain the basic concepts of conceptual and theoretical models of nursing	Pofessional nursing concepts and practices * Conceptual and theoretical models of nursing practice: Introduction to models-holistic model, health belief model, health promotion model * Introduction to theories in nursing-Peplau's,Handerson's, Orem's,Neuman's,Rogers'and Roy's *Linking theories with nursing process	* Lecture Discussion	* Essay types * Short answers

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- 3. Taylor, Fundamentals of Nursing: Arts and science of Nursing Process, Saunders, 7th Edition.
- 4. Fuller, Health Assessment: Nursing Approach, Lippincott, 3rd Edition
- 5. Ackley (BJ), Nursing Diagnosis Handbook: An evidence-based guide to planning care, Mosby, 8th Edition
- 6. Craven, Fundamentals of Nursing: Human health & function, LWW, 5th Edition.

NURSING FOUNDATIONS - PRACTICAL

Placement: FIRST YEAR	Hours of Instruction:	
	Practical: 450 hrs	

Course Description:

This course is designed to help the students to develop an understanding of the philosophy, objectives, theories and process of nursing in various clinical settings. It is aimed at helping the students to acquire knowledge, understanding and skills in techniques of nursing and practice them in clinical settings

Unit	Time (hrs)	Objectives	Skills	Assignments	Assignment Method
I	650	* Describe the concept of Health, Illness and Health care agencies	Hospital admission and discharge (III): * Admission * Prepare unit for new patient * Prepare admission bed * Perform admission procedure * New patient * Transfer in * Prepare patient records Discharge / Transferout: * Give discharge counseling * Perform discharge procedure (Planned discharge, LAMA, Abscond, Referrals and Transfers) * Prepare records of discharge/ transfer * Dismandle, and disinfect unit and equipment after discharge/transfer Perform assessment: * History taking, Nursing diagnoses, Problem list, Prioritization, Goals and Expected outcomes, Selection of interventions * Write Nursing Care Plan * Give care as per the plan - Assist patient in moving, lifting, transferring, walking - Restraints Oxygen administration Suctioning: Oral pharyngeal, Naso pharyngeal Chest physiotherapy and postural drainage	* Practice in Unit / hospital * Write nursing process records of patient * Simulated -1 * Actual -1 * Observation study -2 * Department of Infection control & CSSD * Visits CSSD, Write observation report -1 * Collection of samples for culture * Do clinical posting in infection control department and write report * Practice in lab / ward	* Evaluate with check list * Assessment of clinical perfor mance withrating scale * Completion of Practical record * Assessment of Nursing Process records with checklist * Assessment of actual care given withrating scale Assess observation study withcheck list * Evaluate all procedures withcheck list

Care of chest drainage CPR: Basic life support Intravenous therapy Blood and blood component therapy Collect/assist for collection of specimens, for investigations Urine, sputum, feces, vomitus, blood and other body fluids Perform lab tests: Urine: Sugar, Albumin, Acetone Blood: Sugar (with strip / Glucometer) Hot and Cold applications: Local and general Sitzbath Communicating and assisting with self-care of visually and hearing impaired patients Communicating and assisting with self-care of mentally challenged/ disturbed patients Recreational and Diversional therapies Caring of patients with alterations in sensorium Infection control Perform following procedures: - Hand washing techniques - (Simple, hand antisepsis and Surgical antisepsis (scrub) - Prepare isolation unit in lab/ ward - Practice technique of wearing and removing Personal protective equipment (PPE) - Practice Standard Safety precautions (Universal precautions) **Decontamination of equipment** and unit: * Surgical asepsis: - Sterilization - Handling sterilized equipment - Calculate strengths of lotions - Prepare lotions * Care of articles Pre and post-operative care:

* Skinpreparations for surgery:

* Preparation of post-operative

BLUE PRINT OF QUESTION PAPER NURSING FOUNDATION

Total Marks: 75 Placement I Year B.Sc. (N)

• Each paper shall contain

2 Long Answer Questions (LAQ) for 10 marks
 7 Short Answer Questions (SAQ) for 5 marks
 10 Very Short Answer Questions (VSAQ) for 2 marks
 10 x 2 = 20
 10 x 2 = 20

75

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S.No	UNIT	WEIGHT AGE (%)	MARKS ALLOT TED	LA Q10	SA Q5	VSA Q2	LA Q10	SA Q5	VSA Q2	LA Q10	SA Q5	VSA Q2
1	Introduction	2	2			1						
2	Nursing as a Pro- fession	7	5					1				
3	Hospital Admission and Discharge	5	2+2=4			1						1
4	Communication And Nurse Pa- tient Relationship	2	2 (5*)			1		1*				
5	The Nursing Process	7	5					1				
6	Documentation And Reporting	7	5					1				
7	Vital Signs	9	5+2=7			1					1	
8	Health Assess- ment	13	10	1								
9	Machinery,	3	2			1		`				
10	Meeting Needs of patient	13	10	1								
11	Infection control in clinical settings	7	5		1							
12	Administration of drugs	7	5		1							
13	Meeting Needs of Peri operative Patients	3	2			1						
14	Meeting special need of the Pa- tient	3	2			1						
15	Care of Termi- nally ill patients	5	2+2=4			1				1		
16	Professional Nursing concepts and practices	7	5					1				



KASTURBA GANDHI NURSING COLLEGE

SRI BALAJI VIDYAPEETH, MGMC & RI CAMPUS

Pillaiyarkuppam, Pondicherry- 607 402.

MODEL QUESTION PAPER FOR I YEAR B.Sc (N) NURSING FOUNDATION

Total Marks: 30 I. LONG ANSWERS: 2x10=201. a. Define Health assessment (2) b. List purposes of health assessment (3) c. Explain the steps involved in physical examination? (5) 2. a, Define Sleep (2) b. Explain Urine elimination and Bowel elimination (3) c. Explain the methods of oxygen administration? (5) **II. SHORT ANSWERS: (Answer any 7)** 7X5 = 35Explain the code of ethics? Explain about the principles of communication? 5. Explain the types of record? Construct the Nursing care plan for client with hyperthermia? Explain principles of Administration of Medication? Enumerate the measures to prevent cross infection Explain Components of Nursing Process? 10. Explain Health Promotion Model? **II. VERY SHORT ANSWERS:** 10X2=2011. Define health? 12. List out the types of admission? 13. Classify the types of discharge? 14. Write the uses of IPR? 15. Formula for Fahrenheit to centigrade? 16. Define disposal with an example? 17. Define Peri-operative Nursing 18. Define Grief

19. Define urinary retention?

20. List out the Medico-Legal Issuses.

PSYCHOLOGY

Placement: FIRST YEAR	Hours of Instruction:
	Time: Theory: 75 Hrs

Course Description:

Course Description: This course is designed to assist the students to acquire knowledge of fundamental of psychology and develop an insight into behavior of self and others. Further it is aimed at helping them to practice the principles of mental hygiene for promoting mental health in nursing practice.

Unit	Time (hrs)	Objectives	Skills	Assignments	Assignment Method
I	5	Describe the history scope & methods of psychology	Introduction * History & origin of science of psychology * Definitions & scope of psychology * Relevance to nursing * Methods of psychology * Schools/thoughts of psychology structuralism, functionalism ,behaviourism, gestalt psychology and psychoanalysis emotion.	* Lecture Discussion	* Essay type * Short Answers
II	5	Explain the biology of Human behaviour	* Biology of behaviour * Body mind relationship — modulation process inhealth and illness * Genetics and behaviour: Heredity and environment * Brain and behaviour: Nervous System, Neurons and synapse * Association Cortex, Rt. And Lt. Hemispheres Psychology of Sensations * Muscular and glandular controls of behaviour * Nature of behaviour of an organism / Integrated response	* Lecture Discussion	* Essay type * Short Answers
III	20	Describe various cognitive processes and their applications	Cognitive Processes * Attention: Types, determinants, Duration & Degree, Alterations * Perception: Meaning, Principles, factors affecting, Errors * Learning: Nature, Types, learner and learning, Factors influencing, Laws and Theo	* Lecture Discussion * Psychomet- ric assess- ment * Practiceses- sions	* Essay type * Short answers

ries, process, transfer, study habits * Memory: Meaning, Types, Nature, Factors influencing, Development Theories and methods of Memorizing and Forgetting Thinking: Types and levels, abstraction and generalization, creative thinking. Stages of development, Relationship with language and communication Intel- ligence: Meaning, Classifica- tion, Uses, Theories Aptitude; Concept, Types, Individual differences and Variability * Psychometric assessments of cognitive processes * Alprications Motivation and Emotional Processes: * Applications Motivation: Meaning, Con- cepts, Types, Theories, Mo- cion, emotions, stress attitudes and their influence on behaviour * Lecture Discussion Role plays Casediscus- sion Demonst attion * Answers * Short Answers * Answers * Answers * Answers * Lecture Discussion Role plays Casediscus- sion Demonst ration * Answers * Answers * Answers * Casediscus- sion Demonst ration * Answers * Casediscus- sion Demonst ration * Answers * Casediscus- sion Demonst adjustments, Changes in emotions, theories, emotional adjustments, Grief &Bereavement,
emotions in health and illness - Stress: Stressors, cycle, effect, adaptation & coping * Attitude: Meaning, nature, development, factors affecting - Behaviour and attitudes - Attitudinal change * Psychomentric assessments of emotions and attitudes * Alterations in emotions

V	10	* Explain the concepts of personality and its influence on behaviour	* Definitions, Topography, Types, Theories – Freud, Erickson,Sheldon,Dollard& Miller's * Psychometric assessments of personality * Alterations in personality * Applications	* Lecture Discussion * Demonstra- tion	* Essay type * Short Answers
VI	10	* Describe the psychology of people during the life cycle	Psychology of people at different ages from infancy to old age * Psychology of vulnerable individuals — challenged, women, sick, etc., * Psychology of groups Transgender Curriculum Transgender-Inclusive Nursing Curriculum * Recent terminologies: Gender dysphoria, change to gender incongruence, theories of transgenderism psychological assessment of a Transgender patient	* Lecture Discussion * Case Dis- cussion	* Essay type * Short Answers
VII	10	Describe the characteristics of Mentally Healthy person Explain Ego defense mechanisms	Mental Hygiene and Mental Health * Concepts of mental hygiene and mental health * Characteristics of mentally healthy person * Warning signs of poor mental health * Promotive and preventive mental health—strategies and services * Ego defense mechanisms and implications * Personal and social adjust- ments * Guidance and Counseling - Definition, Types, Principles Characteristics of counselor * Role of Nurse	* Lecture Discussion * Case Discussion * Role play * Demonstration	* Essay type * Short Answers
VIII	5	* Explain the Psychological assessments and role of nurse	Psychological assessment &tests * Types, Development, Characteristics, Principles, Uses, Interpretations and Role of nurse in psychological assessment	* Lecture Discussion * Demonstra- tion * Practiceses- sions	Assessment of Practice

Bibliography:

Textbook:

- 1. Morgon (CT), Introduction to Psychology, Tata McGraw Hill, New Delhi, 20th edition, 2003. Suggested References:
- 1. Atkinson (RL), Hilgard's Introduction to psychology, Harcourt college publishers, Philadelphia, 13th edition, 2000.
- 2. Shelley, Taylor's Health Psychology, Tata McGraw hill publishing co. Ltd, Sidney, 6th PEdition 006.
- 3. Santrock (JW), Educational Psychology, Tata McGraw Hill Pub. Co. Ltd., Sidney 2006.
- 4. Fernald (L.D) Introduction to Psychology A.I.T.B.S. Pub. New Delhi 2006.
- 5. Mangal (SK), Advanced Educational Psychology, Pentice Hall of India, New Delhi, 2nd dition, 006.
- 6. Gross (R), Psychology for Nurses and Allied Health Professionals, Hodder Arnold, London, 2007. Bhatia, Elements of Educational Psychology & Mental Hygiene, Orient Longman, Hyderabad.

BLUE PRINT OF QUESTION PAPER – PSYCHOLOGY

Placement I Year B.Sc. (N)

Total Marks: 75

• Each paper shall contain

• 2 Long Answer Questions (LAQ) for 10 marks $2 \times 10 = 20$

• 7 Short Answer Questions in 8 (SAQ) for 5 marks $7 \times 5 = 35$

• 10 Very Short Answer Questions (VSAQ) for 2 marks $10 \times 2 = 20$

				Kno	Knowledge/ Recall	ecall	Un	Understanding	ing	A	Application	l i
S. No	Unit	Weightage	Marks Allotted	(10)	SAQ(5)	VSAQ (2)	(10)	SAQ (5)	VSAQ (2)	(10)	SAQ (5)	VSAQ (2)
1	Unit – I Introduction	7%	5								1	
7	Unit II – Biology of behavior	3%	2			1						
8	Unit III – Cognitive processes	12%	9		*			1	2			
4	Unit IV – Motivation & emotional processes	12%	6			1		1	1			
N	Unit V – Personality	25%	19			1	1	1	1			
9	Unit VI – Developmental psychology	22%	17			1		1		1		
7	Unit VII – Mental hygiene & Mental health	12%	9		1	1			1			
∞	Unit VIII – Psychological assessment and test	7%	ĸ								1	
	Total	100%	75									

^{*} Choice Question to be taken from that unit.

SERVE WITH DEDICATION

KASTURBA GANDHI NURSING COLLEGE

SRI BALAJI VIDYAPEETH, MGMC & RI CAMPUS

Pillaiyarkuppam, Pondicherry- 607 402.

I Year B.Sc (N) Degree Examination PSYCHOLOGY Model Question Paper

Time: 3 Hrs Max Marks: 75

I. LONG ANSWER QUESTIONS:

2X10=20

- 1. Define Personality, Explain the Development of Personality.
- 2. What is development? Explain the psychological needs of patients at various stages of development.

II. SHORT ANSWERS QUESTIONS: (Answer any 7) 7x5=35

- 3. Briefly explain the various fields of psychology.
- 4. Explain the factors of changing attention.
- 5. Explain how you will improve memory.
- 6. Explain various unlearned motives.
- 7. Briefly write note on psychoanalytic theory.
- 8. Explain the developmental aspects of childhood.
- 9. Explain the qualities of a counsellor.
- 10. Write a note on the role of staff nurse in application of psychological test.

III. VERY SHORT ANSWER QUESTIONS

10X2=20

- 11. What is hereditary endowment?
- 12. Define learning.
- 13. A 20 years old girl got a score of 13 in intelligence test. What is her IQ?
- 14. What is motivation?
- 15. Self-actualization.
- 16. What is meant by character?
- 17. Name the theory of personality proposed by Erickson.
- 18. What is meant by Juvenile Delinquency?
- 19. Define mental health.
- 20. Differentiate guidance and counseling.

MICROBIOLOGY

Placement: FIRST YEAR	Hours of Instruction:
	Theory: 75 Hours

Course Description:

Course Description: This course is designed to enable students to acquire understanding of fundamentals of Microbiology and identification of various micro-organisms. It also provides opportunities for practicing infection control measures in hospital and community settings.

Unit	Tiı (hı		Learning	Content	Teaching Learning	Assignment
	Th	Prac	Objectives	o and an	Activities	Method
I	5	5	* Explain concepts and principles of microbiology and their importance in nursing	Introduction: * Importance and relevance to nursing * Historical perspective * Concepts and terminology * Principles of microbiology	* Lecture Discussion on	* Short answers * Objective type
II	10	5	* Describe structure, classification morphology and growth of bacteria * Identify Micro organism	General Characteristics of Microbes * Structure and classification of Microbes * Morphological types * Size and form of bacteria * Mortality Colonization * Growth and nutrition of microbes Temperature, Moisture, Blood and body fluids * Laboratory methods for Identification of Micro organisms * Staining techniques, Gram staining, Acid fast stain- ing, Hanging drop preparation * Culture; various medias * Identification of disease producing microorganism's collection, handling and transportation of various specimens * Sterilizationtypes & methods * Disinfection types & methods * CSSD	*Lecture Discussion *Demonstration	Short answers Objective type

			D 1 1 4	у т — 1	т ,	C1 ·
III	15	2	Explain the concept of immunity, hyper sensitivity and immunization	 * Immunology * Immunity -Types, classification * Antigen and antibody reaction * Hypersensitivity - skintest Serological test * Immuno prophylaxis * Vaccines & sera-Types & Classification, storage and handling, cold chain * Immunization for various diseases * Immunization Schedule 	Lecture Discussion * Demonstration * Visits to CSSD * Clinical practice	Short answers * Objective Type
IV	15	4	* Describe the methods of infection control * Identify the role of nurse in hospital Infection Control Programme	Infection control * Infection: Sources, portals of entry and exit, transmission * Asepsis Disinfection: Types and methods Sterilization; Types and methods * Chemotherapy and antibiotics * Standard safety measures * Biomedical waste management * Role of Nurse Hospital acquired infection * Hospital infection control programme Protocols, collection of samples, preparation of report and status of rate of infection in the unit/ hospital, nurse's accountability, continuing education etc.,	* Demonstration * Visits to CSSD * Clinical	* Short answers * Objective type
V	10	4	Describe the different disease producing organisms	Pathogenic organisms Micro-organisms * Cocci-gram positive and Gram Negative * Bacilli-gram positive and gram negative * Spirochaete * Mycoplasma * Rickettsiae * Chlamydiae * Viruses * Fungi-Superficial and Deep mycoses * Parasites * Rodents & vectors Characteristics, Source, portal of entry, transmission of infection	* Lecture Discussion * Demonstra- tion * Clinical Practice	* Short answers * Objective Type

Bibliography:

Textbook:

- Ananthanarayanan (R), Textbook of Microbiology, Orient Longman Ltd., Madras, 1994. Suggested References:
- 1. Bhatia (R), Essentials of Medical Microbiology, J.P Brotheres Publishers, New Delhi, 3rd Edition, 004.
- 2. Ichhpujani (RL), Microbiology for Nurses, J.P Brotheres Publishers, New Delhi, 2nd Edition, 2003

BLUE PRINT OF QUESTION PAPER -MICROBIOLOGY I year B.Sc. NURSING

Total Marks: 75

EACH PAPER SHOULD CONTAIN

2 LONG ANSWER QUESTION (LAQ) FOR 10 MARKS
7 SHORT ANSWER QUESTIONS (SAQ) FOR 5 MARKS
7X5=35
10 VERY SHORT ANSWER (VSAQ) FOR 2 MARKS
10X2=20

Total 75

			MARKS	KNO REC		DGE/	UND AND		Γ	APPI	LICAT	ΓΙΟΝ
S.No	UNIT	WEIGHT AGE (%)	ALLOT TED	LA Q	SA Q	VSA Q	LA Q	SA Q	VSA Q	LA Q	SA Q	VSA Q
				10	5	2	10	5	2	10	5	2
1	UNIT-I Introduction of microbiology	7%	5					1				
2	UNIT-II Classification of microbes							1*				
3	UNIT-III Infection control											
	Sterilization	16%	12				1					1
	Hospital waste management/ Hospital Infection control	12%	9			1		1				1
4	UNIT-IV Pathogenic organisms											
	AppliedBacteriol ogy	23%	17				1	1	1			
	Applied Virology	12%	9		1				1			1
	Parasitology	9%	7						1		1	
	Mycology	9%	7			1					1	
5	UNIT-V Immunology	12%	9			1		1				1
		100%	75									

Note *-Choice question

Questions selected should be of 70% Understanding 15% Application 15% Recall

Note: Questions assessing the students

- Knowledge / Recall should not exceed 15%
- Understanding should not exceed 70%
- Application should not exceed 15%

CONDICHERY BY

KASTURBA GANDHI NURSING COLLEGE

SRI BALAJI VIDYAPEETH, MGMC & RI CAMPUS

Pillaiyarkuppam, Pondicherry- 607 402.

I year B.Sc Nursing- Model Question paper MICROBIOLOGY

Time: 3 Hrs Max Marks: 75

Instructions:

- 1. Answer the questions in order
- 2. Explain your answers with suitable diagrams wherever necessary.
- I. Long Answer Question:

(2x10=20)

- Define the terms sterilization. Discuss the role of moist heat in sterilization and their sterility control methods. (2+5+3)
- 2. Name various organism causing sore throat and discuss in detail the laboratory diagnosis of diphtheria. Brief about prophylaxis of Diphtheria. (2+4+4)
- II. Short Answer Question. Answer any seven:

(7x 5 = 35)

- 3. Describe the gram staining procedure.
- 4. Write a short note on Biomedical waste management.
- 5. Difference between active and passive immunity.
- 6. Describe the life cycle of roundworm.
- 7. Describe the prophylaxis of polio virus.
- 8. Describe the lab diagnosis of tuberculosis.
- 9. Describe the disinfectant.
- 10. Write short notes on universal precaution.
- III. Very Short Answer Questions: Answer any ten

(10x 2 = 20)

- 11 .Name the four RNA virus.
- 12. Define immunity.
- 13. Name two examples of enrichment media.
- 14. Name four live attenuated vaccine.
- 15. Dermatophytes.
- 16. Name four dimorphic fungus.
- 17. RPR.
- 18. List the hemorrhagic causing virus.
- 19. Needle stick injury.
- 20. List the causative agents of malaria.

ENGLISH

Placement: FIRST YEAR	Hours of Instruction:
	Time: Theory: 60 Hrs

Course Description:

The Course is designed to enable students to enhance ability to comprehend spoken and written English (and use English) required for effective communication in their professional work, Students will practice their skills in verbal and written English during clinical and classroom experiences.

Unit	Time (hrs)	Objectives	Skills	Assignments	Assignment Method
I	10	* Speak and write grammatically correct English	 * Review of Grammar * Remedial study of Grammar * Building Vocabulary * Phonetics * Public Speaking 	* Demonstrate use of dictionary * Class-room * conversation * Exercise on use of Grammar Practice in public speaking	* Objective Type * Fill in the blanks * Para phrasing
II	30	* Develop ability to read understand express meaningfully the prescribed text	* Read the comprehend prescribed course book	* Exercise:* Reading* Summarizing* Comprehension	* Short answers * Essay type
III	10	* Develop writing skills	 * Variousformsofcomposition Letter writing * Note taking * Précis writing * Nurses notes * Anecdotal records * Diary writing * Reports on health problems etc. Resume / CV 	Exercises on writing - Letter writing - Nurses notes - Precis - Diary - Anecdote - Healthprob lems -Story writing - Resume/CV Essay writing - Discussion on written reports/ documents	Assessment of the skills based on the check list

IV	6	Develop skill in spoken English	Spoken English - Oral report - Discussion - Debate - Telephone conversation	Exercise on: - Debating - Participating in seminar, panel, symposium - Telephonic conversa- tion	Assessment of the skills based on the check list
V	4	Develop skill in listening comprehension	* Listening Comprehension -Media,audio,video,speeches etc.,	Exercise on: -Listening to audio, video tapes and identify the key points	Assessment of skills based on the check list

References:

- 1. David (MT), English for Professional Nursing, BI Publications Pvt. Ltd., Chennai, 2007.
- 2. Koorkkakala (T), Communicative English for B.Sc., Nursing Students, KJ Publications, Kerala, 007.
- 3. Selvarose, Career English for Nurses, Orient Longmen, Hyderabad, 2008

BLUE PRINT OF QUESTION PAPER – ENGLISH

Total Marks: 75

• Each paper shall contain

• 2 Long Answer Questions (LAQ) for 10 marks

 $2 \times 10 = 20$

• 7 Short Answer Questions in 8 (SAQ) for 5 marks

 $7 \times 5 = 35$

• 10 Very Short Answer Questions (VSAQ) for 2 marks

 $10 \times 2 = 20$

75

				Kno	Knowledge/ Recall	/ Recall	Un	Understanding	ling	Α	Application	on
SI. No	Unit	Weight age	Marks Allotted	LAQ (10)	SAQ (5)	VSAQ (5x1=5)	LAQ (10)	SAQ (5)	VSAQ (5x1=5)	LAQ (10)	SAQ (5)	VSAQ (2)
1	Unit I – Grammar	46%	35		1	2		3	1			
2	Unit II – Comprehension	26.66%	20				1	2				
3	Unit III – Composition, Nurses reports	20%	15					1		1		
4	Unit IV – Communication & oral report	6.66%	5						1			
Total	7	100%	75									

CONDICHERY BY

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Pillaiyarkuppam, Pondicherry- 607 402.

I YEAR B.Sc (N) DEGREE EXAMINATION ENGLISH

Time: 3 Hrs Max Marks: 75

I. Long answer (2x10=20)

Total = 75 marks

1. Read the passage carefully and answer briefly the questions below:

About 10 men in every 100 suffer from colour blindness in some way. Women are luckier ,since their chance of being affected is 1 in 200 . There are different forms of colour blindness. In some case a man may not be able to see deep red. He may think red, orange and yellow all are shades of green. Some times a person cannot tell the difference between blue and green. In rare cases unlucky man may see everything in shades of green- a strange world indeed. In certain occupations, colour blindness can be dangers and candidates are tested most carefully . For example when fighting in the jungle at night soldiers use coloured lights and flare signals to each other . A green light may advance and red light danger keep back. You can see what will happen if somebody thinks that red is green .

Colour blindness in human beings is a strange thing to explain in a single eye, there are millions of very things called "cons "these help us to see things in bright light and tell the difference between colours. There are also millions of "rods" and these are used for seeing when it is nearly dark. They show as shapes but not colours.

Answer the questions (5*2=10)

- 1. What is colour blindness
- 2. What is the ratio of its occurrence in men and women?
- 3. In which occupation colour blindness dangers and how?
- 4. What are cones?
- 5. What are the functions of millions of rods?
- 2. Letter writing (1*10=10)

Write a letter to your friend describing Nurses Day celebration in your college.

II. SHORT ANSWER

- 1. Convert the following simple sentences to compound sentences. (5x1=5)
- a) You must start early to reach there in time.
- b) Having gone to the college, I met the principal.
- c) Being tired, we stopped the work.
- d) Owing to illness, she could not attend the meeting.

e)	Cutting an apple, I at it.
2.	Rewrite the following sentences as to remove the adverb 'too'. $(5x1=5)$
a)	He is too proud to beg.
b)	It is never too late to learn
c)	Coffee is too hot to drink
d)	He is too good to deceive anyone.
e)	He is too old to work
3.	Fill in the blanks with the suitable verbs $(5x1=5)$
a)	One of Mr. Das's Sona doctor
b)	Ispeaking in English
c)	Rameshwon many medal
d)	yourself warm
e)	off the light before you go to sleep.
4.	Transform the following exclamatory sentences into assertive sentences. $(5x1=5)$
a)	What an excellent opportunity!
b)	What a piece of wood work!
c)	How great Mother Teresa is!
d)	What a great success!
e)	How Blue her eyes are!

5. Write a precise of the following passage: (5)

Love your enemies. Do good to the who hate you. Bless those who curse you. Pray for those who mistreat you. If someone strikes you one cheek, learn to give the other also. Give to everyone who asks you and if anyone takes what belongs to you, do not demand it back. If you love those who love what credit is that to you? And if you do good to those who are good to you what credit is that for you? Even the siners do that . but love your enemies, do good to them and lend to them without expecting back. Then your rewards will be great and you will be the sons of the most high.

6. Read the following passage and make notes: (5)

> Water is more important to life than food, since man live without food for several weeks, but can live for only a few days without water. The adult weight is approximately 70% water, the amount varying in different parts of the body and in different tissues. It is distributed as blood, extracellular fluids (Eg. Lymph, cerebrospinal fluid, eye fluid) and cellular fluids, which constitute 3.5%, 20% and 50% of body weight, respectively. The gastrointestinal secretion amounts to about seven liters per day, but most of this is reabsorbed in to the body. The cerebrospinal fluid is also secreted and absorbed daily, but the exact quantity is unknown. Eye fluid are small amount, but there is a definite circulation. Urine is formed continuously and is a fluid lost from the body. Sweat is also lost from

the body, the amount varying with climate and work. edema, when it occurs, is a symptom of some change in water metabolism in the body.

7. Report writing (5)

Write a detailed to the medical superintendent about the condition, who has been admitted in ICCU foe cardiac problem.

VERY	SHORT	ANSWERS
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1	Change the following sentences in the passive form $(5x1=5)$								
a)	I teach English to the nursing students								
b)	He plays cricket very well								
c)	He rubbed the ointment								
d)	The police took the jewels								
e)	I invited my mother								
2	a) Give the antonyms $(5x \frac{1}{2} = 2 \frac{1}{2})$								
	- Hate								
	- Heavy								
	- Death								
	- Busy								
	- create								
b)) Give the synonyms $(5x \frac{1}{2} = 2 \frac{1}{2})$								
	- Kind								
	- Fatigue								
	- Lucky								
	- Precious								
	- Desire								
3.	Fill in with adjectives. $(5x1=5)$								
a)	This isfood								
b)	It was aand dark night.								
c)	He is theperson								
d)	English is spokenover the world.								

The teacher has given as _____advice

e)

4. Change the following in to Indirect speech. (5x1=5)

- a) The principal said to jasper, "Have you finished the project".
- b) The teacher said to the students, "don't waste your time"
- c) Somu said," my mother cooks well".
- d) The teacher said to me, "You have not done well in the examination".
- e) Rama says "I will help you tomorrow

INTRODUCTION TO COMPUTERS

Placement: **FIRST YEAR** Time: Theory: 45 Hrs

Course Description: This course is designed for students to develop basic understanding of uses of computer and its applications in nursing

Unit	Tiı (hı		Learning	Content	Teaching Learning	Assignment
Omt	Th	Prac	Objectives	Content	Activities	Method
I	3		* Identify & define various concepts used in computer * Identify application of computer in nursing	Introduction: * Concepts of Computers Hardware and software trends and technology * Application of computers in nursing	* Lecture Discussion * Demonstra- tion	* Short answers * Objective Type
II	6	20	* Describe and Use the Disk Operating System * Demonstrate skill in the use of MS Office	* Introduction to disk operating system * DOS * Windows (all version) * Introduction * MS Word * MS-Excel with pictorial presentation * MS-Access * MS-Power point	* Lecture Discussion * Demonstra- tion * Practiceses- sion	* Short answers * Objective type * Practical Exam
III	2	3	 Demonstrates skill in using multi-media Identify features of computer aided teaching and testing 	* Multimedia: Types and uses * Computer aided teaching and testing	* Lecture Discussion * Demonstra- tion	* Short answers * Objective type * Practical exam & Viva Voce
IV	1	3	* Demonstrate use of internet & Email	* Use of Internet and: e-mail	* Lecture Discussion * Demonstra- tion * Practiceses- sion	* Short answers * Objective type * Practical exam & Viva Voce
V	2	2	* Describe and use the statisti- cal packages	* Statistical packages: Types and their Features	* Lecture Discussion* Demonstra- tion* Practice Session	* Short answers * Objective type * Practical exam & Viva Voce

VI	1	2	* Describe the use Hospital Management System	* Hospital Management System: Types and Uses	* Lecture Discussion * Demonstra- tion	* Short answers * Objective type * Practical exam & Viva Voce
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Bibliography

Textbook:

- 1. Jain (NC), Computer for Nurses, AITBS Publishers
- 2. Thacker (N), Computer for Nurses, Jaypee Publications, New Delhi, 2006.



KASTURBA GANDHI NURSING COLLEGE

SRI BALAJI VIDYAPEETH, MGMC & RI CAMPUS

Pillaiyarkuppam, Pondicherry- 607 402.

I YEAR B.Sc (N) DEGREE EXAMINATIO INTRODUCTION TO COMPUTERS

Time: 3 Hrs Max Marks: 75

Answer Section A & B in separate answer books

Section - A (40 Marks)

Ι	Answer in detail:	$2 \times 10 = 20$
1.		(10)
	a. What is Computer?	(2)
	b. List out the parts of computer	(3)
	c. Discuss application of computers in nursing	(5)
2.		(10)
	a. Expand – DOS	(2)
	b. Define multimedia	(3)
	c. List out the types of multimedia	(5)
I.	Short Answers Question (any 5)	5 x 4 = 20
3.	List out the concepts of computers	
4.	Define hardware & software	
5.	List out the uses of hospital management system	
6.	Define computer aided teaching & testing	
7.	List out the types of features of statistical packages	
8.	Trends & technology of computers	
Secti	on – B (35 Marks)	
III. A	Answer any 5 of the following (short answers)	$5 \times 2 = 10$
1.	Expand MS-Power Point & MS-Word	
2.	How to save a document?	
3.	Uses of e-mail	
4.	Define hospital management system	

- Types of multimedia 5. 6. **Expand MS-Access** IV. Answer any 5 of the following (short answers) $5 \times 3 = 15$ 7. Types of hospital system management 8. Uses of Internet 9. Features of statistical packages 10. List out the Windows version How will you prepare a power point presentation? 11. 12. Differentiate between hardware & software V. Answer any 2 of the following (Short answers) 2x5 = 10
- 13. Concepts of computers14. Uses of MS-Excel

Explain statistical packages

15.

FOUNDATION IN YOGA THERAPY (FYT) COURSE FOR NURSING STUDENTS

SYLLABUS 90 Hrs

FIRST YEAR – During co-curricular hours

Hours	Content
15	Introduction to Yoga philosophy, psychology and lifestyle
30	Introduction to Yogic techniques: Methods and practices

THEORY (15 hours)

Bhujangasana

	duction to Toga philosophy, psychology and mestyle
	A brief outline of the history of Yoga.
	Cultivation of correct psychological attitudes.
	Asanas: Definition, Types, scope and limitations of Asanas.
	Pranayamas and their significance in Yogic curriculum, Types & phases of Pranayama.
	Dharna and Dhyana as the keys to unlocking human potential.
	Study of various aspects of Yoga: Kriyas, Bandhas, Mudras
	Yoga defined as "Integration" and "Harmony"
	Meaning of the term "Positive Health"
	Yoga, a tool to restore homeostasis
	Integration of Yoga into Health Professions Education
	Order of teaching the Yogic practices. Do's and Don'ts of specific Yoga techniques.
	Applied aspects of Yoga in various human activities like therapeutics, education & sports
PRA	CTICAL SESSIONS (30 hours)
Intro	oduction to Yogic techniques: Methods and practices
	Surya Namaskar
	Ardhakati Chakrasana
	Pada Hasta
	Pavana Muktasana
	Trikona
	Navasana
	Shalabhasana
	Makarasana

Dhanurasana
Vakrasana
Vrikshasana
Ushtrasana
Gomukasana
Yoga Mudra.
Natarajasana
Chakrasana
Sarvangasana
Matsyasana
Halasana
Shavasana
Pranayamas
Vibhaga
Pranava
Savitri
Chandra & Surya Nadi
Nadi Shuddhi
Sheetali & Sitkari

II YEAR SOCIOLOGY

Placement: SECOND YEAR	Hours of Instruction:	
	Time: Theory: 76 Hrs	

Course Description:

This course is designed to introduce the concepts of sociology related to community and social institutions in India and its relationship with health, illness and nursing.

Unit	Time (hrs)	Objectives	Skills	Assignments	Assignment Method
I	10	* State the importance of sociology in Nursing	Introduction * Definition of Sociology * Nature and Scope of the discipline * Importance and application of Sociology in Nursing	* Lecture Discussion	* Essay type * Short Answers
П	5	* Describe the inter- relationship of individual in society	Individual & Society * Society and Community * Nature of Society * Difference between Society and Community * Process of Socialization and individualization * Personal disorganization	* Lecture Discussion	* Essay type * Short Answers
III	5	* Describe the influence of culture on health and disease	 Culture * Nature of culture * Evolution of culture * Diversity and uniformity of Culture * Culture and socialisation * Trans cultural society * Influence on health and disease 	* Lecture Discussion * Panel Discussion	* Essay type * Short Answers
IV	10	* Identify various social groups and their interactions	* The meaning and classification of groups * Primary & Secondary Group * In-group V/s. Out-group, Class Tribe, Caste * Economic, Political, Religious groups, Mob, Crowd, Public and Audience Interaction & Social Processes. * Co-operation, Competition, Conflict * Accommodation, Assimilation & Isolation	* Lecture Discussion	* Essay type * Short Answers

			* Biodiversity and its conservation Introduction, definition, genetic species and ecosystem diversity. * Biogeographical classification of India-value of Biodiversity - Biodiversity at global national & local levels India as a mega diversity nation - Hot spots of biodiversity - Threats to Biodiversity: habitat loss, poaching of wild life, manwild life conflicts. -conservation of biodiversity: In—situ and Ex-situ conservation of biodiversity		
V	6	* Explain the growth of population in India and its impact on health	 * Population * Society and population * Population distribution in India-Demographic characteristics * Malthusian theory of Populations * Population explosion in India and its impact on health status * Family welfare programs 	* Lecture Discussion * Community identifica tion	* Essay type * Short answers * Assess- ment of report on community identi fication
VI	5	* Describe the institutions of family and marriage in India	Family and marriage * Family-Functions * Types-Joint, Nuclear, Blended and extended family: Characteristics * The Modern Family- Changes, Problems-Dowry etc., Welfare Services. * Changes & legislations on family and marriage in India- marriage acts * Marriage: Forms and functions of marriage, * Marriage and family problems in India Family, marriage and their influence on health and health practices	*Lecture Discussion *Family Case study	*Essay type *Short answers *Assessment of family case study

VII	5	* Describe the class and caste system and their influence on health and health practices	 Social Stratification * Meaning & types of social stratification * The Indian Caste Systemorigin & features * Features of Caste in India Today * Social Class system and status Social Mobility – Meaning & Types Race as a biological concept, criteria of racial classification * Salient features of Primary Races-Racism * Influence of Class, Caste and Race on health and health practices 	* Lecture Discussion * Community survey	* Essay type * Short answers * Assessment of report on community survey
VIII	10	* Describe the types of communities in India, their practices and the impact on health	Types of Communities in India (Rural, Urban and Regional) * Features of village community & Characteristics of Indian village Panchayat system, social dynamics * Community Development project & Planning * Changes in Indian Rural Life * Availability of health facilities in rural and its impact on health and health practices * Urban—Community—features * The growth of cities Urbanization and its impact on health and health practices * Major Urban problems—Urban Slums * Region; Problems and impact on Health. * Social issues & the environment from unsustainable to sustainable development Urban problem related to energy rain water harvesting, water shed management	* Lecture Discussion * Visits to ru- ral and urba community * Community survey	* Essay type * Short answers * Assess- ment of report on community survey

		Explain the	Social Change	* Lecture	* Essay type
IX	5	process of Social Change	* Nature and process of Social Change * Factors influencing social change: cultural change, Cultural lag * Introduction to Theories of social change: Linear, Cyclical, Marxian, Functional Role of nurse— Change agents	Discussion	* Short Answers
X	5	Describe the Social system and inter — relationship of social organizations	Social organization and social system * Social organization: elements, types * Democratic and authoritarian modes of participation, * Voluntary associations * Social system: Definition and Types of social system * Role and Status as structural elements of social system * Inter-relationship of institutions	* Lecture Discussion * Observation visits	* Essay type * Short Answers * Assess- ment of visitreport
XI	10	* Describe the role of the nurse in dealing with social problems in India DescribetheTransgenderCommunity and their demographics in India	* Social disorganization * Control& Planning: poverty, housing, illiteracy, food supplies, prostitution, rights of women &children, vulnerable groups: Elderly, handicapped, minority groups and other marginalized groups, child labour, child abuse, delinquency and crime, substance abuse, alcoholism, HIV / AIDS. * Social Welfare programs in India * Role of nurse * Human Rights, value education -Role of information technology in environment and human health Transgender Curriculum Transgender-Inclusive Nursing Curriculum LGBTIQA Terminologies: Basic to advancedgender, gender identity, gender expression,	* Lecture Discussion * Institutional visits	* Essay type * Short answers * Assess- ment of visit reports

	
sex, Intersex, differences in	
sexdevelopment,transgender	
community,Transgendercul-	,
ture,comingout,homosexual-	
ity,homophobia,transphobia.	
sexual orientation, lesbian,	
gay, bisexual, differences in	
sexual development, MSM,	
WSW, cis- gender, trans-	
gender, MTF, FTM, gender	
dysphoria, gender incongru-	
ence, gender reassignment	
surgery, transsexual, queer,	
pansexual,drag,gender	
queer, indigenous	
communities: thirunangai,	
thirunambi, hijra, kinnar,	
jogappa, shivashakthi,	
maichiya,etc.heteronormativ-	
ity, coming out.	
* Transgender demographics	
in India	
* Accessing legal identity for a	,
Transgender	,
LGBTIQA related human	
rights and laws in India.	

Suggested References:

- 1. Bhushan (V), Introduction to Sociology, Kitab Mahan, 2002.
- 2. Madan (GR), Indian Social Problems, Allied Publishers, Chennai.
- 3. Mehta (SA), Study of Rural Sociolgy in India, Chand & Co.
- 4. Ogbern (F), Handbook of Sociology, Eurasoa Publishing, New Delhi.
- 5. Majmudar (DN), An Introduction to Social Anthropology, Asia Publishing House, Bombay.
- 6. Indrani (TK), Textbook of Sociology for Nurses, Jaypee Brothers, New Delhi, 2006.
- 7. Neeraja (KP), Textbook of Sociology for Nursing Students, Jaypee Brothers, New Delhi, 2005.
- 8. Rao (SD), Psychology and Sociology for Paramedicals, Jaypee Brothers, New Delhi, 2006
- 9. Ramaswamy (P), General and Medical Sociology, New Millennium Publications, Ch,2006.

SOCIOLOGY BLUE PRINT OF QUESTION PAPER

Placement II Year B.Sc (N)

Total Marks: 75

• Each paper shall contain

• 2 Long Answer Questions (LAQ) for 10 marks 10 x 2= 20

• 7 Short Answer Questions (SAQ) for 5 marks $7 \times 5 = 35$

• 10 Very Short Answer Questions (VSAQ) for 2 marks $10 \times 2 = 20$

75

S.No	UNIT	Weight-	Marks		owled Recal		Und	erstaı	nding	Ap	plicat	tion
3.110	ONII	age	Allotted	LA Q10	SA Q5	VSA Q2	LA Q10	SA Q5	VSA Q2	LA Q10	SA Q5	VSA Q2
1	Unit–IIntroduction	6.5%	5					1				
2	UnitII–Individual & Social	3%	2		1*	1						
3	UnitIII–Culture	9%	7					1	1			
4	UnitIV-Social Groups&process	7%	5					1				
5	UnitV –Population	16%	12				1		1			
6	Unit VI– Family & Marriage	12%	9			1		1	1			
7	Unit VII–Social Stratification	6.5%	5					1				
8	UnitVIII—Types of communities in India	12%	9					1	2			
9	UnitIX-Social Change	9%	7		1	1						
10	Unit X- Social organization & social system	3%	2						1			
11	UnitXI–Social Problem	16%	12						1	1		
	Total	100%	75			2 L.	AQ, 7	SAQ	, 10 VS	SAQ		

^{*} Choice Question to be taken from that unit

PARTIE WITH DEDICATE

KASTURBA GANDHI NURSING COLLEGE

SRI BALAJI VIDYAPEETH, MGMC & RI CAMPUS

Pillaiyarkuppam, Pondicherry- 607 402.

II YEAR B.Sc (N) DEGREE EXAMINATION SOCIOLOGY

Time: 3 Hrs Max Marks: 75 Ι **Long Answer Questions** (2X10=20)1. Define Population, Population explosion in India and its impact on health. 2. Define social Problems, Discuss any three social problems **II** Short Answer Questions: (any 7) (7x5=35)3. Explain the nature of sociology. 4. Explain the characteristics of society. 5. Explain the influence of culture on personality development. 6. What is social process, explain two types of social process Explain the various types of marriages. 7. 8. Write a note on caste system in India. 9. "Social change is an inevitable occurrence in society"- Discuss. 10. Write a note on population **Very Short Answer Questions:** (10x2=20)11. Define society. What is cultural electicians? 12. 13. List any two Family welfare programmes. 14. Name 4 legislations related to family. 15. Define family. 16. List out four village development programmes in India 17. What are the factors of social change? What is Village Panchayat System? 18. 19. What is Juvenile Delinquency? 20. What is meant by minority group?

$Medical\ Surgical\ Nursing\ (Adult\ including\ Geriatrics)\text{-}I$

Placement: SECOND YEAR	Hours of Instruction:
	Time: Theory: 210 Hrs
	Practical-720 hrs

Course Description:

The purpose of this course is to acquire knowledge and develop proficiency in caring for patients with medical and surgical disorders in varieties of health care settings and at home.

Unit	Time (hrs)	Learning Objectives	Content	Teaching Learning Activities	Assignment Method
I	15	* Appreciate the trends in medical and surgical nursing * Describe the role of a nurse in caring for adult patient in hospital and community. * Describe the concepts of Medical Surgical asepsis.	Introduction: * Introduction to medical surgical nursing-Evolution and trends of medical and surgical nursing. * Review of Concepts of Health and illness Disease-concepts, causations, classification International Classification Diseases (ICD -10 or later version), Acute illness, chronic illness, teminal illness, stages of illness, * Review of concepts of comprehensive nursing care in medical surgical conditions based on nursing process. * Role of Nurse, patient and family in care of adult Patient. Role and responsibilities of a nurse in medical surgical settings: * Outpatient department. * In-patient unit. Intensive care unit * Home and Community setting * Introduction to Medical Surgical asepsis * Inflammation and Infection * Immunity * Wound healing * Care of Surgical Patient * Pre-operative * Intra operative * Post-Operative Palliative Curriculum Wound: @incept	* Lecture discussion DemonstrationPractice session Supervised clinical practice	* Short answers Objective type * Assessment of skills with check list

- Acute wound & management -Chronic wound & management CAM, (rehabilitation, palliative and End of life care to all organ failure), Heart, Liver, Lung, Renal, MOD, Neuro- logical disorders. Pruritis Integrated care for chronic diseases Symptom manage- ment in progressive diseases - Leprosy, HIV and Fistula Chronic dermatology-Psoriasis Gastro-yomiting diarrhea con-	
Gastro-vomiting, diarrhea, constipation - High up enema Respiration-breathing difficulty	

II	10	* Describe the Common signs, symptoms, problems and their Specific nursing interventions	Common signs and symptoms and management * Fluid and electrolyte imbalance * Vomiting Dyspnea and cough, respiratory obstruction Fever * Shock Unconsciousness, Syncope Pain Incontinence * Edema * Age related problems- geriatric	* Lecture discussion * Demonstration * Practicesession * Supervised clinical practice	* Short answers Objective Type
III	20	* Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of respiratory systems	Nursing management of patients (adults including elder- ly) with respiratory problems * Review of anatomy and physiology of respiratory system * Nursing Assessment— History and Physical assessment * Etiology, Pathophysiology, * Clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of adult including elderly with— * Upper Respiratory tract infections. Bronchitis * Asthma * Emphysema * Emphysema * Empyema * Atelectasis * Chronic obstructive * Pulmonary Diseases(COPD) * Bronchiectasis * Pneumonia * Pulmonary tuberculosis * Lung abscess * Pleural effusion * Cysts and Tumours * Chest injuries * Respiratory arrest and insufficiency * Pulmonary embolism special therapies, alternative therapies Nursing procedures * Drugs used in treatment of respiratory disorders	* Lecturer discussion * Explain using Charts, graphs Models, films slides * DemonstrationPractice session Case discussions / Seminar * Health education * Supervised clinical practice Drug book/ presentation	* Essay type Short answers Objective type * Assess- ment of skills with check list Assess- ment of patient manage- ment problem

etiology, pathophysioloy clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of digestive system * Review of anatomy and physiology of digestive system, * Demonstration practice session system, * Nursing Assessment— History and Physical assessment assessment tion practice session system, * Clinical manifestations, * Casediscusment of patients (adults including elderly) with disorders of to patients (adults including elderly) with disorders of the discussion Explain using Charts, graphs Models, films slides slides system, * Demonstration practice session session sion system tion practice session sion system to find patients (adults including elderly) with disorders of skills of patients (adults including elderly) with disorders of the discussion Explain using Charts, graphs Models, films slides sion system, * Demonstration of skills of the patients (adults including elderly) with disorders of the discussion Explain using Charts, graphs answers objective system slides sides sides system, * Demonstration of skills of the patients (adults including elderly) with disorders of the patients (adults incl		* Describe the	Nursing management of	* Lecturer	* Essay type
diagnosis, treatment modalities and medical, surgical, dieteties & nursing management Disorders of Oral cavity-lips, gums, tongue, salivary glands and teeth Oesophagus- inflammation, stricture, obstruction, bleeding and tumours Stomach and deudenum hiatus hemia, gastritis, peptic and duodenal ulcer, bleeding, tumours, pyloric stenosis abdomen TB Small intestinal disorders inflammation and infection, enteritis, malabsorption, obstruction, tumour and perforation Large intestinal disorders-Colitis, inflammation and infection obstruction and tumour and lump Hermias Appendix-inflammation, mass, abscess, rupture Anal & Rectum; hemorrhoids, fissures, Fistulas Peritonitis/acute abdomen Pancreas; inflammation, cyst, abscess and tumours Liver; inflammation, cyst, abscess and tumours Liver; inflammation, cyst, abscess, cirrhosis, portal hypertension, hepatic failure, tumours Gall Bladder; inflammation, obstruction, stones and tumours Special therapies, alternative	IV 30	pathophysioloy clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of digestive systems	elderly) with disorders of digestive system * Review of anatomy and physiology of digestive system, * Nursing Assessment—History and Physical assessment * Etiology, Pathophysiology, * Clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management * Disorders of Oral cavity-lips, gums, tongue, salivary glands and teeth * Oesophagus- inflammation, stricture, obstruction, bleeding and tumours * Stomach and deudenum hiatus hernia, gastritis, peptic and duodenal ulcer, bleeding, tumours, pyloric stenosis abdomen TB * Small intestinal disorders inflammation and infection, enteritis, malabsorption, obstruction, tumour and perforation * Large intestinal disorders-Colitis, inflammation and infection, obstruction and tumour and lump * Hernias * Appendix-inflammation, mass, abscess, rupture * Anal & Rectum; hemorrhoids, fissures, Fistulas * Peritonitis/acute abdomen Pancreas; inflammation, cyst, abscess and tumours * Liver; inflammation, cyst, abscess, cirrhosis, portal hypertension, hepatic failure, tumours * Gall Bladder; inflammation, obstruction, stones and tumours Special	Explain using Charts, graphs Models, films slides * Demonstration Practice session * Casediscussions/ * Seminar * Health education Supervised clinical practice Drug book/ presentation	answers Objective type * Assessment of skills with check list * Assessment of patient management

(CPR) Blood * anaemias * Polycythemis * Bleeding disorders; clotting factor defects and platelets defects * Thalassemia * Leukopenias and agranulocytosis * Myelomas Special therapies * Blood transfusion, safetychecks, procedure and requirements, management of adverse transfusion reaction, records for blood transfusion.	V	30	conditions and its nursing management	* anaemias * Polycythemis * Bleeding disorders; clotting factor defects and platelets		problem
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			* Management and counseling of blood donors, phlebotomy procedure, and post donation management. Blood bank functioning and hospital transfusion committee. Biosafety and waste management in relation to blood Transfusion * Role of a nurse in Organ donation, retrieval and Banking Alternative therapies Nursing procedures Drugs used in treatment of blood and cardio vascular disorders		
VI	10	* Describe the etiology, pathophysiology clinical manifestations, diagnostic measures andmanagement of patients (adults, elderly Includingtransgender) with genito urinary system	Nursing management of patients (adults, elderly Including transgender) with genito-urinary problems * Review of anatomy and physiology of genitor-urinary systemNursing Assessment—History and Physical assessment * Etiology, Pathophysiology, clinical manifestations, diag nosis, treatment modalities and medical, surgical, dietetics & Nursing management of— * Nephritis * Nephrotic syndrome * Nephrosis * Renal calculus * Tumours * Acute renal failure, Chronic renal failure * End stage renal transplant * Congenital disorders, urinary infections, Benign prostate hypertrophy * Disorders of ureter, Urinary bladder and urethera inflammation, infection, stricture, obstruction, tumour, prostrate * Special therapies, alternative therapies Nursing procedures Drugs used in treatment of genito-urinary Disorders. * Transgender Curriculum Transgender Curriculum Transgender Inclusive Nursing Curriculum Urogenital system disorders in transgender * Urinary tract infections * Cancer screening: breast, cervical	* Lecturer discussion * Explain using Charts, graphs * Models, films slides Demonstration * Practicesession * Case discussions/ Seminar * Healtheducation * Supervised clinical practice Drug book/ presentation	* Essay type * Short answers * Objective type * Assess ment of skills with check list Assess- ment of patient manage- ment problem

			* Prostate in transwoman. As-		
			* Prostate in transwoman: Assessment, diagnosis and treatment of malignancy * Understanding misconceptions of health care providers * Understanding life time stigma, discrimination and violence on geriatric LGBT I. Medical transition of transgender patients * Hormone replacement therapy in Transgender patients * Physiological effects * Adverse reactions and risks: cancer, dyslipidemia, cardiovascular, skin, hyperprolactinemia, osteoporosis, thrombo embolism, need of breast and cervical cancer screening * HIV and other STI medications:Drugs, dosage, common sideeffects, treatment therapy * WPATH guidelines on HRTII Surgical transition of transgender patients * Gender affirmative surgeries (men and women) * WPATH guidelines: pre surgical requirements * Pre, intra, postoperative care of all surgical procedures (genital		
		* Describe the	/Non-genital) Postoperative complications-Genito-urinary, malignancies Nursing management of	* Lecture	*Essay type
VII	5	etiology, pathophysioloy clinical manifestations, diagnostic measures and management of patients(adults including elderly) with disorders of male reproductive system	patients (adults including elderly) reproductive system * Review of anatomy and physiology of male Reproductive system. * Nursing Assessment — History and Physical assessment * Etiology * Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, Surgical management of disorders of male reproductive system * Congenital malformation; cryptorchidism * Hypospadisasis, Epispadiasis Infections	discussion * Explain using Charts, graphs * Models, films slides DemonstrationPractice session * Casediscussions/ Seminar * Health education * Supervised clinical practice Drug book/ presentation	*Short answers *Objective type *Assessment of skills with check list Assessment of patient management problem

			* Testis and adjacent structures * Penis * Prostate: inflammation, infection, hypertrophy, tumor * Sexual Dysfunction * Infertility * Contraception * Breast; gynecomastia, tumour * Climacteric changes special therapies, alternative therapies Nursing procedures		
			Drugs used in treatment of disorders of male reproductive system		
VIII	10	* Describe the etiology, pathophysiology clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of endocrine system	* Nursing management of patients (adults including elderly) with disorders of endocrine system * Review of anatomy and physiologyendocrine system. * Nursing Assessment— History and Physical assessment Etiology, Pathophysiology, clinical manifestations, diag-nosis, treatment modalities and medical, surgical, dietetics & nursing management of disorders of Thyroid and Parathyroid * Diabetes mellitus * Diabetes insipidus * Adrenal tumor * Pituitary disorders, special therapies, alternative therapies Nursing procedures Drugs used in treatment of disorders of endocrine system	* Lecturer discussion * Explain using Charts, graphs * Models, films slides * Demonstration * Practicesession * Case discussions/ Seminar * Healtheducation * Supervised clinical practice, Drug book/ presentation	* Essay type * Short answers * Objective type * Assess- ment of skills withcheck list * Assess- ment of patient manage- ment problem
IX	10	* Describe the etiology, patho physiology clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of Skin	Nursing management of patients (adults including elderly) with disorders of Integumentary system * Review of anatomy and physiology of skin and its appendages. * NursingAssessment—History and Physical assessment Etiology, Pathophysiology, clinical manifestations, diag nosis, treatment modalities and medical, surgical, dietetics & nursing management of disorders of skin and its appendages.	* Lecturer discussion Explain using Charts, graphs Models, films slides * Demonstration * Practicesession * Case discussions/ Seminar * Healtheducation	* Essay type * Short answers * Objective type * Assess- ment of skills with check list Assess- ment of patient

			 * Lesions and abrasions * Infection and infestations; Dermatitis * Dermatoses; infectious and Noninfectious "inflammatory dermatoses" * Acne Vulgaris * Allergies and Eczema * Psoriasis * Malignant melanoma * Alopecia Special therapies, alternative therapies Nursing procedures Drugs used in treatment of disorders of Integumentary system 	* Supervised clinical practice, Drug book/ presentation	
X	15	Describe the etiology, patho physiology clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of musculoskeleto l system	Nursing management of patients (adults including elderly) with Musculoskeletal problems * Review of anatomy and physiology of musculoskeletal system. Nursing Assessment— History and Physical assessment * Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of—Dis- orders of: * Muscles, Ligaments and joints- inflammation, infection, trauma Bones-inflammation, infection, fracture, tumour and trauma * Osteomalacia and * Osteoporosis * Arthritis * Congenital deformities * Spinal column-defects and deformities, Tumor, Prolapsed intervertebral disc, * pott's spine * Paget's disease Amputation Prostheses * Transplant & replacement surgeries * Rehabilitation, Special therapies, alternative therapies Nursing procedures Drugs used in treatment of disorder of musculoskeletal system	Lecturer discussion Explain using Charts,graphs * Models, films * slides * Demonstration * Practicesession * Case discussions/ Seminar * Healtheducation * Supervised clinical practice, Drug book/ presentation	* Essay type * Short answers * Objective type * Assess- ment of skills with check list * Assess- ment of patient management problem

	Dogariba t	ha Nursing management of	* Looturer *	Eccay type
XI	Describe to etiology, patho physiology clinical manifestat diagnostic measures a management patients (a including elderly) we disorders of Immunology problems	patients (adults including elderly) with Immunological problems * Review of Immune system. Nursing Assessment— History and Physical assessment * Etiology, Pathophysiology, clinical manifestations, diag nosis, treatment modalities and medical, surgical, dietetics & nursing	discussion Explain using Charts, graphs * Models, films Slides * DemonstrationPractice session * Casediscussions/ Seminar * Health adv	Essay type Short nswers Objective type Assess- ment f skills with heck list Assess- ment f patient nanagement roblem

XII	20	Describe the etiology, patho physiology clinical manifestations, diagnostic measures and management of patients (adults including elderly) with communicable Disease	Nursing management of patients (adults including elderly) with Communicable Disease Overview of infectious disease, the infectious process, Nursing assessment—History & Physical assessment. Epidemiology, infectious process, clinical manifestations, diagnosis, treatment, prevention and dietetics. Control and eradication of common Communicable Diseases	* * *	sion Case discussions/ Seminar Healthedu-	*	Essay type Short answers Objective type Assess- ment of skills with check list Assess- ment of patient manage- ment problem
XII	20	diagnostic measures and management of patients (adults including elderly) with communicable	assessment—History & Physical assessment. Epidemiology, infectious process, clinical manifestations, diagnosis, treatment, prevention and dietetics. Control and eradication of common Communicable Diseases * Tuberculosis * Diarrhoeal diseases * Hepatitis A-E	*	films slides Demonstration Practicesession Case discussions/ Seminar		ment of skills with check list Assess- ment of patient manage- ment
			* Herpes * Chickenpox * Smallpox * Typhoid		Drug book/ presentation		

			* Meningitis * Gas gangrene * Leprosy' * Dengue * Plague * Malaria * Diphtheria * Pertussis * Poliomyelitis * Measles * Mumps * Influenza * Tetanus * Yellow fever * Filariasis * HIV, AIDS * Reproductive Tract Infections * Emerging diseases – Ebola infection, Zika infection. * Special Infection control measures: Notification, Isolation, Quarantine, Immunization, Infectious Diseases Hospitals Special therapies, alternative therapies Nursing Procedures Drug used in treatment of Communicable diseases * Palliative Curriculum Colostomy care: - long term management - irrigation.		
XIII	25	Describe the Organization and physical set up of the operation theatre (OT) * Identify the various instruments and Equipment used for common surgical procedures * Describe the infection control measures in OT * Describe the role of nurse in perioperative nursing care	Home care, Rehabilitation Palliative care Peri Operative nursing: Organization and Physical set up of the Operation Theatre (OT): * Classifications * O.T. DESIGN * Staffing * Members of the OT team Duties and responsibilities of nurse in O.T. * Principles of Health and operating room attire. * Instruments, * Sutures and suture materials * Equipments O.T. tables and sets for common surgical procedures * Positions and draping; for common surgical procedures * Scrubbing procedures * Gowning and gloving * Preparation of O.T. Sets * Monitoring the patient during	* Lecturer discussion Explain using Charts, graphs Models, films slides DemonstrationPractice session Supervised clinical practice Drug book presentation	* Essay type * Short answers * Objective type * Assess- ment of skills with check list

surgical procedures * Maintenance of therapeutic environment in O.T. Standard Safety measures Infection control; fumigation, disinfection and sterilization * Biomedical waste management * Prevention of accidents and hazards in O.T. * Anaesthesia * Types * Methods of administration * Effect and stages * Equipments * Drugs * Cardio Pulmonary Resuscita tion (CPR) * Pain management techniques	
* Pain management techniques * Legal Aspects	

Textbook:

1. Brunner (V), Medical Surgical Nursing, LWW, 10th Edition.

Suggested References:

- 1. Black, Medical Surgical Nursing: Clinical Management for positive outcomes, Elsevier, 7th edition.
- 2. Willams, Understanding Medical Surgical Nursing, Jaypee, 3rd edition.
- 3. Timby, Introductory Medical Surgical Nursing, LWW, 9th edition.
- 4. Lewis, Medical Surgical Nursing Assessment & Management of Clinical Problems, Elsevier, 7th edition
- 5. Ignatavicius, Critical Thinking for Collaborative Care, Elsevier, 5th edition.
- 6. Monahan, Phipp's Medical Surgical Nursing: Health & illness perspectives practice, Jaypee, 8th edition.
- 7. Gulanick, Nursing Care Plans: Nursing Diagnosis & Interventions, Mosby, 5th edition
- 8. Lippincott's Manual of Nursing Practice, Jaypee, edition.
- 9. Ulrich, Nursing Care Planning Guides: For adults in acute extended & Home care settings, Elsevier, 6th edition.
- 10. White, Foundations of Adulth Health Nursing, Thompson, 2nd edition.
- 11. Redfern, Nursing Older People, Churchill Livingstone, 4th edition.
- 12. Phillip, Berry & Kohn's Operating room techniques, Elsevier, 11th edition.
- 13. Marks, Roxburgh's Common Skin Diseases, Arnold, 17th edition.
- 14. Thappa, Essential in Dermatology with MCQ's, Ahuja publishing

Medical Surgical Nursing

$({\bf Adult\ including\ Geriatrics}) \hbox{-} {\bf I-Practical}$

Placement: SECOND YEAR	Hours of Instruction:		
	Time: Theory: 76 Hrs		
	Practical-720 hrs		

Areas	Duration in weeks	Objectives	Skills	Assign ments	Assignment Method
* General Medical Ward (*Re piratory, GI, Endo- crine, Renal, Hematol- ogy) I	6	* Provide nursing care to adult patients with medical disorders * Counsel and educate patients and families	* Assessment of the patient * Taking history * Perform general and specific physical examination * Identify alterations and deviations Practice medical surgical asepsis-Standard safety measures Administer medications * Oral, IV, IM, Subcutaneous IV therapy IV canulation * Maintenance and Monitoring * Oxygen therapy by different methods * Nebulization * Chest physiotherapy * Naso gastric feeding * Assist in common diagnostic * Perform/Assist in therapeutic procedures * Blood and component therapy * Throat Suctioning * Collect specimens for commoninvestigations. * Maintain elimination * Catheterization * Bowel wash * Enema * Urinary drainage * MaintainIntake,output and documentation * Counsel and teach relatedtospecificdisease conditions	* Plan and give care to 3- 4assig ned Patien ts * Nursi ng care plan- 2 * Nursi ng case study / prese nta- tion- 1 * Drug pres enta - tion -1 * Mai ntain drug book * Maint ain Practi cal recor dbook	* Assess perfor mance withrating scale Assess each skill with checklist Evaluation of case study/ presentation Completion of practical record

General Surgical Ward (GI, Urinary, CTVS)	6	* Provide pre &postopera- tive nursing care to adult patients with surgical disorders Counsel and educate pa tients and families	* Post operative care- Receivingpt,assessment,	* Plan and give care to 3-4assigned Patients * Nursing care plan -2 * Nursing case study/ presentation-1 * Drug presentation-1 * Maintain drug book	* Assess * performance withrating * scale Assess each skill with checklist Evaluation of case study/presentation Completion of activity record
Cardiology ward	2	* Provide nursing care to patients with cardiac disorders * Counsel and educate pa tients and families	* Physical examination of the cardio vascular sys temRecordingandinterpreting ECG * Monitoring of patients Preparationandassisting in non-invasive and invasive diagnostic procedures * Administercardiacdrugs Cardio pulmonary Resuscitation * Teach patients and families * Practice medical and surgical asepsis-Standard safety measures	* Plan and give care to 2-3 assigned patients * Nursing care Plan-1 * Nursing case study/ * Presenta tion/Health talk-1 Maintain drug book	* Assess performance withrating scale * Assess each skill with checklist * Evaluation of case study/presentation/health talk
Skin & Commu- nica ble diseases Ward	1	* Identify skin problems * Provide nursing care to patients with Skin disorders &	* Assessment of the patient with skin disorders * Assist in diagnostic and therapeutic procedures Administer topical medication * Practice medical surgical	* Plan and give care to 2-3 assigned Patients * Healthtalk/ Counseling HIV positive atients and families –1	* Assess performance withrating scale * Assess each skill with checklist * Evaluation

		Communicable diseases * Counsel and educate pa tients and families	asepsis-Standard safety measures * Use of personal protec- tive equipment (PPE) * Give Medicated baths CounselingHIV,positive Patients, teach preven- tionofinfectiousdiseases	Maintaindrug book	ofcasestudy/ presentation/ health talk
Orthopedic	2	Providenursing care to patients with musculoskeletal disorders Counsel and educatepatients and families	* Assessmentoforthopaedic patients * Assist in application of plaster cast and removal of cast * Apply skin traction-buck's extension traction * Assist in application and removal of prosthesis * Physiotherapy-Rangeof motion exercises (ROM), muscle strengthening exercises * Crutch maneuvering technique * Activities of daily living * Ambulation Teach and counsel patients and families	* Plan and give care to 2-3assigned patients * Nursing care plan-1 * Nursing case study/ presentation —1 * Maintain drug book	* Assess each performance With rating scale Evaluation of Nursing care plan and Nursing case study/ presentation Completion of activity record
Operation Theatre	6	* Identify instruments used in common operations * Participatein infection control * practices in the Operation Theatre * Set-up the table/ trolleys for common operative procedures * Assist ingiv- ing anesthesia * Assist in the Operative procedures * Provide perioper- ative nursing care	* Scrubbing, gowning, gloving * Identify instruments, suturing materials for common operations * Disinfection, Carbolization, fumigation * Preparationofinstrument sets for common operations * Sterilization of sharps and other instruments * Prepare the OT table depending upon the operation * Positioning and monitoring of patients * Endotracheal intubation * Assisting in minor and major operations * Handling specimens * Disposal of waste as per the guidelines	* Assist as a circulatory nurse in * Major cases-10 * Minor cases-5 * Assist as a scrub nurse in * Major cases-10 * Minor cases-5 * Maintain drug book	* Assess performance withrating scale * Comple tion of activity record

ICII CCII	2	т .	y A • •	ds	D 11 1
ICU,CCU Cardiac Ot.	2	To gain proficiency in ICU nursing * Develop advance skill in special procedures used in critical care unit Identify potential problems and provide accordingly Skill in setting and handling ventilator * Administer injection in infusion pump. * Record accurately findings and medications * DevelopIPR with family members * Acquaint with OT technique	* Assistinarterialpuncture for blood gas analysis. * PerformECGandinterpret accordingly * Conduct and analysis pulse oximetry * Carewithartificalairway * Assist in endotracheal intubation * Setting up ventilator * Giving care in ventilator * Drug sheet * Observation of special procedure in ICU	* Arterial puncture-5 * Taking out ECG stripe-5 * Tracheal suction-5 * For all assigned patients * Oxygen Administration by CPAPmask and use Ambu bag * Assessment for all assigned Patient * Nursing care in ventilator * Drug sheet	Record book Checking with supervisor
NeuroICU, ITU, OT	2	*Develop skill in neurological assessment. * Give care to the pt with head injury and spinal injury * Care with chest surgery and cranial surgery.	*Assess neurological status *Implement care to head injuryspinalinjurypatients *Drug sheet *Preandpostoperativecare withneurosurgerypatients	*Assessment for all assigned patients *Nursing care plan-2 *Drug sheet	* Record book observation Checklist
Burns and plastic Reconstr ctive surgery	2	*Assess the severity of burns Administer rehydration therapy *Observe reconstructive surgery	*Nursing care		

ОТ	3	Identify	Assist-5 cases	Record book
Laparo scoic Orthopedic Eye ENT		instruments Assist in OT setup Supervise sterilization Assist in OT table lay out Observe immediately after operation Supervise infection control.		

BLUE PRINT OF QUESTION PAPER – MEDICAL SURGICAL NURSING - I

Total Marks: 75

• Each paper shall contain

• 2 Long Answer Questions (LAQ) for 10 marks 10 x 2= 20

• 7 Short Answer Questions (SAQ) for 5 marks $7 \times 5 = 35$

• 10 Very Short Answer Questions (VSAQ) for 2 marks $10 \times 2 = 20$

75

		Weight-	Eight- Marks Knowledge/ Recall		Understanding			Application				
S.No	UNIT	age	Allotted	LA Q 10	SA Q 5	VSA Q2	LA Q 10	SA Q5	VSA Q2	LA Q10	SA Q5	VSA Q2
1	Unit-IIntroduction	2.6%	2			1						
2	Unit II – Individual & Social	2.6%	2			1						
3	Unit III – Culture	9.3%	7		1				1			
4	Unit IV – Social Groups & process	16%	12						1	1		
5	Unit V – Population	20%	15					1 (H)		1 (C)		
6	Unit VI – Family & Marriage	9.3%	7			1		1				
7	Unit VII – Social Stratification	2.6%	2						1			
8	Unit VIII – Types of communities in India	9.3%	7					1	1			
9	Unit IX – Social Change	2.6%	2					1*	1			
10	Unit X – Musculoskeletal System	6.6%	5					1				
11	Unit – XI - Im- munological Disorders	9.3%	7					1	1			
12	Unit XII - Com- municable dis- eases	6.6%	5					1				
13	Unit – XIII - Peri- operative Nursing	2.6%	2						1			
	Total	100%	75									

- * Choice Question to be taken from that unit.
- **C- Cardiovascular System**
- H Hematological System

Distribution:

Knowledge – 15%

Understanding-59%

Application – 26%

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II Year B.Sc (N) Degree Examination MEDICAL SURGICAL NURSING I

Time: 3 Hrs Max Marks: 75

I. Long Answer Question:

10X2=20

- 1. Mr. X aged 70 years, got admitted in medical ward with the diagnosis of COPD. (2+3+5)
- a) Give few points that you note in X-rays of COPD patients.
- b) Differentiate Emphysema & Empyema.
- c) Construct the Nursing care plan for patients with COPD
- 2. Mr. X admitted in ICU with complaints of chest pain radiating to shoulder & neck, diaphoresis and diagnosed as Myocardial Infarction (2+3+5)
- a) What could be the risk factors causing Myocardial Infarction
- b) Explain the pathophysiology of Myocardial Infarction
- c) Discuss the collaborative nursing management of patient with Myocardial Infarction

II. Short answer questions (Any 7)

7X5 = 35

- 3. Classify the types of anemia & its management
- 4. Explain the clinical features and management of patient with BPH
- 5. Comprehend the multidisciplinary approach in managing the patients with diabetes mellitus
- 6. Illustrate the different types of fracture with supportive diagram
- 7. Discuss the pathophysiological changes found in HIV infected patients.
- 8. Identify the clinical features of Dengue fever and explain the preventive measures for dengue fever
- 9. Describe the pathophysiology of pancreatitis
- 10. Explain the management of Tuberculosis.

II. Very short answer Questions:

10X2=20

- 11. List down the stages of wound healing
- 12. Define Trousseau's sign and Chvostek's sign
- 13. Specify any four complications of hyper oxygenation.
- 14. Differentiate Billroth I and Billroth II
- 15. Outline the cardinal features in Nephrotic Syndrome.
- 16. Expand TURP & TUMT

- 17. Outline the indications for starting antiretroviral drugs therapy for HIV infected patients
- 18. What type of vital charting should a nurse maintain for a patient with hyperthyroidism and why
- 19. What are the medications used in the treatment of psoriasis
- 20. Specify the dietary modification to be followed by the patient with peptic ulcer

FOUNDATION IN YOGA THERAPY (FYT) COURSE FOR NURSING STUDENTS SYLLABUS

Medical Surgical Nursing hours

(30 Hrs)

Unit	Hours	Content
I	2	Introduction to yogic concept of health and disease
III	5	Yogic principles and practices for Respiratory disorders
IV	3	Yogic principles and practices for Digestive disorders
V	5	Yogic principles and practices for Cardiovascular problems
VI	1	Yogic principles and practices for Genito - Urinary Problems
VII	1	Yogic principles and practices for Reproductive disorders
VIII	5	Yogic principles and practices for Endocrine disorders
IX	1	Yogic principles and practices for Integumentary system
X	5	Yogic principles and practices for Musculo skeletal problems
XI	2	Yogic principles and practices for Immunological problems

PHARMACOLOGY, PATHOLOGY AND GENETICS PART – A - PHARMACOLOGY

Placement: SECOND YEAR	Hours of Instruction:		
	Time: Theory: 76 Hrs		

Course Description:

This course in designed to enable students to acquire understanding pharmacodynamics, pharmacokinetics, principles of therapeutics and nursing implications.

Unit	Time (hrs)	Learning Objectives	Content	Teaching Learning Activities	Assignment Method
I	7	* Describe Pharmacodynam ics, Pharma cokinetics classification and the principles of drug administration	Introduction to pharmacology * Definitions * Sources * Terminology used * Types: Classification * Pharmacodynamics:Actions, therapeutic, * Adverse, toxic * Pharmacokinetics:absorption, distribution, metabolism, interaction, excretion * Review:Routesandprinciples of administration of drugs * Indianpharmacopoeia:Legal issues * Rational use of drugs * Principles of therapeutics	* Lecture Discussion	* Short answers * Objective type
II	7	* Explain chemotherapy of specific infections and infestations and nurse's responsibilities	Chemotherapy Pharmacology of commonly used; * Penicillin * Cephalosporin's * Amino glycosides * Macrolide& Broad-Spectrum Antibiotics * Sulfonamides * Quinolones * Antiamoebic * Antimalarials * Anthelmintics * Antiscabies agents * Antiviral & antifungal agents * Antitubercular drugs * Anti-leprosy drugs * Anticancer drugs * Immunosuppressant's Drugs for Rheumatoid arthritis and Gout Autacoids —	* Lecture Discussion * Drug * study * presentation	* Short answers * Objective type

			Nonsteroidalanti-inflammatory (NSAID) drugs, Histamines, AntihistaminesComposition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse		
III	2	* Describe Antiseptics, disinfectants, insecticides and nurse's responsibilities.	Pharmacology of commonly used antiseptic, disinfectants and insecticides * Antiseptics; Composition, action, dosage, route, indications, contraindications, druginteractions, side effects, adverse effects, toxicity and role of nurse * Disinfectants * Insecticides	* Lecture discussion * Drugstudy/ presentation	* Short answers * Objective type
IV	4	* Describe drugs action on Gastro Intestinal system and nurse's responsibilities	Pharmacology of commonly used * Antiemetic * Emetics * Purgatives * Antacids * Cholinergic * Anticholinergics * Fluid and electrolyte * Anti diarrheal Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse	* Lecture Discussion * Drugstudy/ presentation	* Short answers * Objective type
V	2	Describe drug used on Respiratory Systems and nurse's responsibilities	Drugs used on Respiratory Systems * Pharmacology of commonly used * Antiasthmatics * Mucolytics * Decongestants * Expectorants * Antitussives * Bronchodilators * Broncho constrictors Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, ad verse effects, toxicity and role of nurse	* Lecture Discussion * Drugstudy/ presentation	* Short answers * Objective type

VI	2	* Describe Drugs used on Urinary System and nurse's responsibilities	Drugs used on Urinary System * Pharmacology of commonly used * Diuretics and antidiuretics * Urinary antiseptics * Cholinergicand anticholinergics * Acidifiers and alkalanizers Composition, action, do sage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse	* Lecture Discussion * Drugstudy/ presentation	* Short answers * Objective type
VII	4	* Describe Drugs used in dead diction, emergency, deficiency of vitamins and minerals, poisoning, for immunization and immunosup pres sant and nurse's responsibilities	Miscellanoeous * Drugs used in de-addiction * Drugs used in CPR and emergency * Vitamins and minerals * Immunosuppressant's * Antidotes * Antivenom * Vaccines and sera	* Lecture Discussion * Drugstudy/ presentation	* Short answers * Objective type
VIII	1	Describe Drugs used on skin and mucous Membranes and nurse's responsibilities	Drugs used on skin and mucous membranes * Topical applications for skin, eye,ear,noseandbuccalcavity Antipruritics Composition, action, dosage, route, indications,contraindications,drug interactions, side effects, adverse effects, toxicity and role of nurse	* Lecture Discussion * Drugstudy/ presentation	* Short answers * Objective type

IX	8	* Describe drugs used on Nervous system and Nurses responsibilities	Drugs acting on Nervous system Basicandappliedpharmacology of commonly used: * Analgesics and Anesthetics * Analgesics Palliative Curriculum - WHO ladder Drugs - Applicationofweekandstrong opioids * Antipyretics * Hipnotics and sedatives * Opioids * Non-opioids * Tranquilizers * General and local anesthetics * Gases * Oxygen * Nitrous Oxide		
			* Carbon dioxide * Muscle relaxants * Major tranquilizers * Ant-psychotics * Antidepressants * Anticonvulsants * Mood stabilizers * Acetylcholine * Stimulants Autonomic Nervous System AdrenergicandNoradrenergic Cholinergic and anticholinergics: Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse		
X	5	Describe Drugs Used on Cardio Vascular system s and nurse's responsibilities	Cardiovascular drugs * Haematinics * Cardio tonics * Anti anginals * Anti-hypertensives &Vasodilators * Anti-arrhythmics * Plasma expanders * Coagulants & anticoagulants * Antiplatelets & thrombolytics * Hypolipidemics Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse	* Lecture Discussion * Drug study/ presentation	* Short answers * Objective type

XI	4	Describe drugs used For hormonal disorders and supplementation, contra eptionand Medical terminat ion of pregnancy and nurse's responsibilities	Drugs used for hormonal disorders and supplementation, contraception and medical termination of pregnancy * Insulin's&Oralhypoglycemic * Thyroid supplements and suppressantsSteroids,Anabol ics * Uterine stimulants and relaxants * Oral contraceptives * Other estrogen progestrone preparations * Corticotrophine & Gonadotropines * Adrenaline * Prostoglandins * Calcitonins	* Lecture Discussion * Drugstudy/ presentation	* Short answers * Objective type
			* Calcium salts * Calcium regulators composition,action,dosages, route, indications, contraindications, drug interactions, side effects, ad verse effects, toxicity and role of nurse		
XII	6	* Demonstrate awareness of the common drugs used in alternative system of medicine	Introduction to drugs used in alternative systems of medicines * Ayurveda, Homeopathy, Unani and Siddha etc	* Lecture Discussion * Observa- tional visits	* Short answers * Objectiv etype

- 1. Satoshkar, Pharmacology & Pharmacotherapeutics, 20th Edition, 2007.
- 2. Bennett (PN), Clinical Pharmacology, Churchil Livingston, New Delhi, 9th Edition, 2003.
- 3. Tripathi (KD), Essential of Medical Pharmacology, Jaypee Brothers, New Delhi, 6th Edition, 2007.
- 4. Craig (CR), Modern Pharmacology with Clinical Application, Little Brown & Co., Newyork, 5th
- 5. Edition, 1997.
- 6. Goodman & Gilman's Pharmacological Basis of therapeutics, McGrawhill, Newyork, 10th Edition, 2001.

PART - B - PATHOLOGY

Placement: **SECOND YEAR** Time: **Theory: 38 Hrs**

Course Description: This course is designed to enable students to acquire knowledge of pathology of various disease conditions and apply this knowledge in practice of nursing.

Unit	Time (hrs)		Objectives	Skills	Assignments	Assignment Method
	Th.	Pr	· ·		0	
I	1	5	* Define the Common terms used in pathology * Appreciate the Deviations from normal to abnormal structure and functions of the body system	Introduction: * Importance of the study of pathology * Definition of terms * Methods and techniques * Cellular and Tissue changes * Infiltration and regeneration * Inflammations and infections * Wound healing * Vascular changes * Cellular growth, Cell injury & cellular damage Neoplasm's * Normal and Cancer cell * Benign and Malignant growths * In situ carcinoma * Disturbances of fluid and electrolyte imbalance * Meaning of the terms — etiology, pathogenesis, morphology & clinicopathological correlation * Causes: Ischemic, Toxic,Free-radicalinduced * Reversible cell injury: types, morphology * Irreversibleinjury:Necrosis, Gangrene, Apotosis * Calcification:Dystrophic & metastatic—examples	* Lecture Discussion * Explain us ing Charts	* Short answers * Objective Type

II	10	5	* Explain Pathological changes in disease conditions of various systems	Special pathology * Pathological changes in diseaseconditionsofvarious systems. * Respiratory tract * Tuberculosis,Bronchitis, PleuraleffusionandPneumonia * Lung abscess, Emphysema, Bronchiectasis * Bronchialasthma,COPD &TumorsCardio-vascular system * Pericardial effusion	
				Rheumatic heart disease * Infective endocarditis, atherosclerosis * Ischemia, infarction & aneurysm * Gastro Intestinal Tract * Peptic ulcer, typhoid * Carcinoma of GI tract buccal, Esophageal, * Gastric&intestinalLiver, Gall bladder & pancreas * Hepatitis, Chronic liver abscess, cirrhosis * Tumours of liver, gall bladder and pancreas, * Cholecystitis Hematopathology * Constituents of blood & bone marrow, hematopoiesis * Anemia: definition, types & clinical features, laboratory approach * Nutritional anaemia: Iron deficiency, Vitamin B12 & Folate deficiency, lab diagnosis * Hemolytic anemia: examples, lab diagnosis * Leucocyte disorders like Leucocytosis, Leucopenia-causes * Leukemia: Acute and Chronic-Classification * Bleeding and Coagulation disorders: Causes Kidneys & Urinary tract * Glomerulonephritis, pyelonephritis	

	* Calculi, renal failure,
	renalcarcinoma&cystitis
	* Male genital systems
	* Cryptorchidism,testicular
	atrophy
	* Prostatichyperplasia,car-
	cinoma penis & prostate
	* Female genital system
	* Fibroids
	* Carcinoma cervix and
	Endometrium
	* Vesicularmole,choriocar-
	cinoma
	* Ectopic gestation
	* Ovarian cyst & tumous
	* Cancer Breast
	* Central Nervous system
	* Hydrocephalus, Meningi-
	tis,
	encephalitis,
	* Vascular disorders
	-thrombosis, embolism
	* Stroke,paraplegia,quad-
	riplegia
	* Tumours,meningiomas—
	gliomas
	* Metastatic tumour
	* Skeletal sytem
	1 1
	* Bonehealing, osteoporo-
	sis, osteomyelitis * Arthritis & tumours
	Addition & tumours
	Lymphotorecticular Pa-
	thology
	* Lymphadenopathy –
	causes, lympadenitis-
	causes
	* Diseases of spleen –
	Splenomegaly – causes,
	hypersplenism
	Endocrine Pathology
	* Non neoplastic lesions of
	thyroid:goiter-etiology,
	grossappearance,thyroid-
	itis – examples
	* Tumorsofthyroid-names

III	6	5	* Describe Various laboratory tests in assessment and monitoring of disease conditions	Clinical pathology * Various blood and bone marrow tests in assessment and monitoring of disease conditions. * Hemoglobin * RBC, WhiteCell& platelet counts * Bleeding time, clotting time and prothrombine time Blood Transfusion Practice:Grouping,Cross matching, Donor Selection,ComponentTherapy, Rational Use of blood transfusion,Adversereactions and transmissible infections. * Blood chemistry * Blood culture * Serological and immunological test * Other blood tests * Examination of Bone marrow * Methods of collection of blood specimen for various clinical pathology, biochemistry, microbiology tests, inference and normal values		
IV	4	1	* Describe Various laboratory tests for examination of body cavity fluids, transudates and exudates	Examination of body cavity fluids, transudates and exudates * Thelaboratoriestestsused in CSF analysis * Examination of other body cavity fluids, transudates and exudates -sputum, wound discharge * Analysis of gastric and duodenal contents * Analysis of semen-sperm count, motility and morphology and their importance in infertility * Methods of collection of CSF and other cavity fluids specimen for various clinical pathology, biochemistry, microbiol ogy tests, inference and normal values	* Lecture Discussion * Demonstra- tion	* Short answers * Objective type

V	1	1	* Describe	Urine and faeces	* Lecture	* Short
			Various	Urine	Discussion	answers
			laboratory	* Physical characteristics	* Demonstra-	* Objective
			tests for examination	* Analysis	tion	type
			of urine and faeces	* Culture and sensitivity		
				Faces		
				* Characteristics		
				*Stool examination: occult		
				blood,ova,parasiteandcyst,		
				reducing substance etc,		
				Methods of collection for		
				various tests, inference and		
				normal values		

Textbook:

1. Mohan (H), Textbook of Pathology, JP Publishers, Chennai, 5th Edition, 2005.

Suggested References:

- 1. Underwood, General and systemic Pathology, Churchill Livingstone, London, 3rd Edition, 2000.
- 2. Kumar, Pathologic Basis of Disease, WB Saunders Co., New Delhi, 6th Edition, 1999.
- 3. Cotton (RE), Lecture Notes on Pathology, Blackwell Scientific Publication, London, 4th Edition, 1992.
- 4. Krishna (V), Textbook of Pathology, Orient Longman, 4th Edition, 1999.

PART - C - GENETICS

Placement: **SECOND YEAR**Time: **Theory : 17 Hrs**

Course Description: This course in designed to enable students to acquire understanding of Genetics, its role in causation and management of defects and diseases.

Unit	Time (hrs)	Learning Objectives	Content	Teaching Learning Activities	Assignment Method
I	3	* Explain nature, Principles and perspectives of heredity	Introduction: * Practical application of genetics in Nursing * Impact of genetic condition on families * Review of cellular division mitosis and meiosis. * Characteristics and structure of genes Chromosomes – sex determination * Chromosomal aberrations Patterns of inheritance * Mendalian theory of inheritance * Multiple allots and blood groups * Sex linked inheritance * Mechanism of inheritance * Errors in transmission (Mutation)	* Lecture discussion Explain using * charts, slides	* Short answers * Objective type
II	3	* Explain Maternal, prenatal and genetic influences on development of defects and disease	Maternal, prenatal and genetic influences on development of defects and diseases * Conditions affecting the mother; genetic and infections * Consanguinity atopy * Prenatal nutrition and food allergies. * Maternal age * Maternal drug therapy * Prenatal testing and diagnosis * Effect of Radiation, drugs and chemicals * Infertility * Spontaneous abortion * Neural Tube Defects and the role of folic acid in lowering the risks Down syndrome (Trisomy 21)	* Lecture Discussion * Explain using charts, slides	* Short answers * Objective type

III	2	Explain the screening methods for genetic defects and diseases in neonates and children	Genetic testing in the neonates and children * Screening for * Congenital abnormalities * Developmental delay * Dysmorphism Transgender Curriculum Transgender-Inclusive Nursing Curriculum • Intersex: Differences in development conditions Parental counseling issues in Intersex children.	* Lecture discussion * Explain us- ing charts, slides	* Short answers * Objective type
IV	2	Identify genetic disorders in adolescents and adults	Genetic conditions of adolescents and adults * Cancer genetics—Familial Cancer * Inborn errors of metabolism * Blood group alleles and hematological disorder * Genetic haemochromatosis * Huntington's disease * Mental illness	Lecture discussion * Explain us- ing charts, slides	* Short answers * Objective type
V	7	Describe the role nurse in genetic services and counseling	Services related to Genetics * Genetic testing * Human genome project * Gene therapy * The Eugenics movement * Genetic Counseling Legal and * Ethical issues Role of nurse Energy Resources: Growing energyneeds,renewable&non renewableenergysources,use of alternate energy sources.	* Lecture * discussion * Case study	* Short answers * Objective type

Textbook:

- 1. Read (A), New Clinical Genetics, Scion Publishers, New Delhi, 2007
- 2. Gangane (SD), Human Genetics, J. P. Brothers Publication, New Delhi, 2

PHARMACOLOGY –BLUEPRINT FOR QUESTION PAPER

II – B.Sc. (NURSING)

	Each paper shall contain	Total Marks: 38
6	SHORT ANSWER QUESTIONS (SAQ) FOR 30 MARKS	$6 \times 5 = 30$
4	VERY SHORT ANSWER QUESTIONS (VSAQ) FOR 8 MARKS	$4 \times 2 = 8$

Sl.	Unit	Marks	Knowledge		Understanding		Application	
No	Oilit	Wiaiks	SAQ	VSAQ	SAQ	VSAQ	SAQ	VSAQ
1	GENERAL PHARMACOLOGY	10			2			
2	CHEMOTHERAPY	7				1	1	
3	MISCELLANEOUS			1*				
4	DRUGS ACTING ON GASTROIN- TESTINAL SYSTEM	2			1*			1
5	DRUGS ACTING ON RESPIRA- TORY SYSTEM	2				1	1*	
6	DRUGS ACTING ON URINARY SYSTEM			1*				
7	DRUGS ACTING ON SKIN AND MUCOUS MEMBRANE			1*				
8	DRUGS ACTING ON NERVOUS SYSTEM	5			1			
9	DRUGS ACTING ON CAR- DIOVASCULAR SYSTEM AND BLOOD	7					1	1
10	HORMONES AND ANTI-HOR- MONES	5			1			
11	ALTERNATIVE SYSTEM OF MEDICINE			1*				

^{*}denotes choice question

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DEPARTMENT OF PHARMACOLOGY SECTION -A MODEL QUESTION PAPER

Marks: Thirty Eight (38)

I Short Answer (answer any Six only)

 $6 \times 5 = 30$

- 1 Define Pharmacokinetics, Write principles of Administration of drugs
- Write the Principles of Therapeutics
- 3 List the first line Anti-Tubercular drugs. Write two important adverse effects of Isoniazid (INH). Add a note on Directly Observed Treatment Short course chemotherapy (DOTS). (Understanding + Application based question)
- 4 Explain one HAART Regimen (Application based question)
- 5 Classify drugs used in angina pectoris with examples for each group. Describe the therapeutic uses and adverse effects of nitrates (Understanding based question)
- 6 Classify general anesthetics. Discuss the advantages and disadvantages of halothane as a general anaesthetic agent (Recall + Understanding based question)
- 7 Describe the uses and adverse effects of omeprazole. Write one regimen for Pylori infection (Understanding based question)
- 8 Define Plasma t-half and clinical significance (Knowledge based question)

II Very short answer questions (VSAQ)

 $4 \times 2 = 8$

- 7 Broad spectrum Antibiotics(Understanding/Moderately easy question)
- 8 Rationale of adding adrenaline with lignocaine (Understanding/Easy question)
- 9 What is prodrug? Give one example (Recall /Easy question)
- 10 List two uses of Antifibrinolytics (Application/Moderately Easy question)

$PATHOLOGY-II\ Year\ B.Sc\ (N)$

Blue Print for Question Paper

Total Marks-25

S.No	UNIT	Weight-	Marks	owled Recal	_	Understanding			Application		
5.100		age	Allotted	SA Q	VSA Q		SA Q	VSA Q		SA Q	VSA Q
1	General Pathology/Infections	20	5				1				
2	Haematology	8	2					1			
3	Cardiovascular system/Hyperten- sion/Respiratory system/Gastroin- testinaltract/liver	20	5				1				
4	Male Genital Tract /Female Genital Tract / Breast	8	2		1						
5	Bone/Softtissues	20	5				1				
6	Thyroid/Oral cavity/Salivary Gland.	8	5								
7	Diabetes/kidney	8	2		1						
8	Clinical Pathology	8	2		1						
9	Central Nervous system/Skin*				1*						

^{*}choice question can be taken from this unit



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PATHOLOGY MODEL QUESTION PAPER FOR II YEAR B.Sc (N)

Total :25 Marks

I Short Answer (answer any Six only)

 $6 \times 5 = 30$

- 1. Define Neoplasia. Enumerate four differences between benign & Malignant tumors.
- 2. Describe in brief morphological features in Rheumatic heart disease.
- 3. Define Osteomyelitis and explain the treatment modalities for Osteomyelitis
- 4. Define Meningitis. Describe its types

Very short Answer Questions

(5X2=10 marks)

- 5. Classify tumors of breast
- 6. List any four sclinical manifestations of Anemia.
- 7. Mention complications of Diabetes.
- 8. Explain in brief morphological features of multinodular goiter.
- 9. Mention causes of proteinuria.

SECTION – 'C' GENETICS – BLUE PRINT (2 SAQ, 1VSAQ)

TOTAL = 12 MARKS

a			Marks		rledge/ call	Understanding		Applicatio N	
S.No	UNIT	Weightage	Allotted	SAQ (5)	VSAQ (2)	SAQ (5)	VSAQ (2)	SAQ (5)	VSAQ (2)
1	I	58.3	5+2	1					1
2	II	41	5			1*			
3	III								
4	IV	16.7	2						1
5	V	41	5	1					
	TOTAL	157-57 (57 EXTRA QNS as choices) = 100%							

 $Saq-Answer\ Any\ Two\ Out\ Of\ Three\ [From\ Unit\ I,\ Ii\ \&\ V)=2x5=10\ Marks\ Vsaq\ -\ Answer\ One\ Question$ $[From\ Unit\ I/\ Iv)=1x2=2\ Marks$



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SECTION – 'C' GENETICS Model Question Paper

Total :12 Marks

I. Short answer questions(Answer Any Two):

2X5 = 10 marks

- 1. Explain with a suitable example of any two Sex chromosomal aberrations in man.
- 2. Explain with a suitable diagram the five invasive techniques of prenatal diagnosis.
- 3. Explain the Role of Nurses in Genetic Counseling

II. Very Short Questions:

1X2=2 marks

1. Huntington's Chorea

COMMUNITY HEALTH NURSING – I

Placement: SECOND YEAR Time: Theory: 107 Hrs

Time: Practical: 135+120 Hrs

Course Description: This course is designed for students to appreciate the principles of promotion and Maintenance of health.

Unit	Time (hrs)	Learning Objectives	Content	Teaching Learning Activities	Assignment Method
I	2	* Describe the concept and dimensions of health	Introduction * Community health nursing * Definition, concepts, and dimensions of health * Promotion of health * Maintenance of health	* Lecture Discussion	* Short answer questions * Objective Type
II	35	* Describe Determinants of health	* Eugenics * Environment: * Definition, Scope, importance & needforpublic awareness of environmental studies. * Physical: Air, Light Ventilation, Water, waterconservation Housing, Sanitation, Disposal ofwaste, Disposalofdeadbodies, Forestation, Noise, Climate Communication: Infrastructure facilities and Linkages * Acts regulating the environment: National Pollution Control Board * Environmental pollutions Cause, effects and control measures of: - Air pollution, water pollution, Soil pollution, marine pollution, noise pollution, thermal pollution, nuclear pollution Solid waste management: causes , effects and control measures of urban and industrial wastes Role of an individual in prevention of pollution Disaster management: floods, earthquake, cyclone and land slides * Bacterial and Viral: Agents, host carriers and immunity - Arthropods and Rodents * Food hygiene: Production, Preservation, Purchase, Preparation, Consumption	* Lecture Discussion * Explain us ing charts, graphs, models, films, slides * Visits to water supply,sew- age dispos- al, milk plants, slaughter house etc.,	* Short answer questions * Objective Type

* Acts regulating
foodhygiene– Prevention of
food adulteration Act, Drugs
and cosmetic Act
* Socio – cultural
* Customs, taboos
* Marriage system
* Family structure
* Status of special groups:
Females, Children, Elderly,
Challenged groups and Sick
persons * Life Style
* Life Style
* Hygiene * Physical activity
* Physical activity * Pagration and sloop
* Recreation and sleep * Sexual life
* Sexual life * Spiritual life philosophy
* Self-reliance
* Dietary pattern
* Education
* Occupation
* Financial Management
* Income
* Budget
* Purchasing power
* Security
* Natural resources-
Forest resources – Use
and over exploitation
,deforestation,timberextraction
,mining,damsandtheireffects
on forest and tribal people.
Water resources – Use and
over utilization of surface and
ground water,floods,drought
, conflicts over water, dams-
benefits and problems.
Mineral resources- Use and
exploitation, environ- mental
effects of extracting and
using mineral resources.
Land resources- Land as a re-
source,land degradation,
man induced land slides,soil erosion and desertification
* Role of an individual in
conservation of natural
resources.
* Equitable use of resources for
sustainable lifestyle
* Concept of an ecosystem
Concept of all coopysion

1		* 0		
		* Structure & functions of an ecosystem * producers, consumers & decomposers * energy flow in theecosystem * ecological suggestion * food chain, food webs & ecological pyramids introduction,types,characteristic features, structure and function of the following ecosystem; - a. Forestecosystem b. Grassland ecosystem c. Desert ecosystem d. Aquatic ecosystem (ponds streams, lakes, rivers, oceans, estuaries)		
12	* Describe concepts, scope, uses, methods and approaches of epidemiology	Epidemiology * Definition, concept, aims, scope, uses and terminology used in epidemiology * Dynamics of disease Transmission: Epidemiological triad * Morbidity and mortality: Measurements * Levels of prevention * Methods of epidemiology of * Descriptive - Analytical: Epidemic investigation- Experimental * Endangered&endemicspecies of India Climate change , global warming , acid rain ozonelayerdepletion,nuclear accidents and holocaust Wasteland reclamation Consumerismandwasteproducts Environment protection act ,air & water (prevention and control of pollution) act, wildlife protection act, forest conservation act	* Lecture Discussion * Explain us ing charts, graphs, models, films, slides	* Essaytype * Short an swers
20	Describe Epidemiology & nursing management of commoncommunicable diseases	* Mumps - Diphtheria	* Lecture Discussion * Explain using charts, graphs, models, films, slides	* Essaytype * Short answers * Objective Type
		20 Describe Epidemiology & nursing management of commoncommuni-	* producers, consumers & decomposers * energy flow in theecosystem * ecological suggestion * food chain, food webs & ecological pyramids introduction,types,characteristic features , structure and function of the following ecosystem;-a. Forestecosystem b. Grassland ecosystem c. Desert ecosystem d. Aquatic ecosystem (ponds streams, lakes, rivers, oceans, estuaries) 12 * Describe concepts, scope, uses, methods and approaches of epidemiology * Definition, concept, aims, scope, uses and terminology used in epidemiology * Dynamics of disease * Transmission: * Epidemiological triad * Morbidity and mortality: * Measurements * Levels of prevention * Methods of epidemiology of * Descriptive - Analytical: * Epidemic investigation- * Experimental * Endangered&endemicspecies of India Climate change , * global warming , acid rain * ozonelayerdepletion,nuclear * accidents and holocaust * Wasteland reclamation * Consumerismandwasteproducts Environment protection * act, air & water (prevention * and control of pollution) act, * wildlife protection act, forest * conservation act * Epidemiology and nursingman- * agement of common communicable diseases * Respiratory infections * Small pox - Chicken pox * Measles - Influenza * Rubella-ARI's& Pneumonia * Mumps - Diphtheria	ecosystem * producers, consumers & decomposers * energy flow in theecosystem * ecological suggestion * food chain, food webs & ecological pyramids introduction, types, characteristic features , structure and function of the following ecosystem; - a. Forestecosystem b. Grassland ecosystem c. Desert ecosystem d. Aquatic ecosystem (ponds streams, lakes, rivers, oceans, estuaries) 12 * Describe concepts, scope, uses, methods and approaches of epidemiology * Definition, concept, aims, scope, uses and terminology used in epidemiology used in epidemiology * Dynamics of disease Transmission: Epidemiological triad * Morbidity and mortality: Measurements * Levels of prevention * Methods of epidemiology of Descriptive - Analytical: Epidemic investigation- Experimental * Endangered&endemicspecies of India Climate change, global warming, acid rain ozonelayerdepletion, nuclear accidents and holocaust Wasteland reclamation Consumerismandwasteproducts Environment protection act, air & water (prevention and control of pollution) act, wildlife protection act, forest conservation act 20 Describe Epidemiology and nursingmanagement of common communicable diseases 20 Describe Epidemiology and nursingmanagement of common communicable diseases 20 Describe Epidemiology and nursingmanagement of common communicable diseases 20 Describe Epidemiology and nursingmanagement of common communicable diseases 20 Describe Epidemiology and nursingmanagement of common communicable diseases 21 Describe Epidemiology and nursingmanagement of common communicable diseases 22 Describe Epidemiology and nursingmanagement of common communicable diseases 23 Describe Epidemiology and nursingmanagement of common communicable diseases 24 Lecture Discussion 25 Lecture Discussion 26 Lecture Discussion 27 Lecture Discussion 28 Lecture Discussion 29 Lecture Discussion 20 Describe Epidemiology 20 Describe Epidemiology 30 Describe Epidemiology 4 Lecture Discussion 5 Lecture Discussion 6 Lecture Discussion 8 Lecture Discussion 8 Lecture Discussi

V	10	* Describe the	Meningococcal meningitis * Tuberculosis * SARS * Intestinal Infections * Poliomyelitis * Viral Hepatitis Cholera * Diarrhoeal diseases * Typhoid fever * Food poisoning * Amoebiasis * Hook worm infection * Ascariasis * Dracunculiasis * Arthropod infections * Dengue * Malaria * Filariasis * Zoonoses Viral * Rabies * Yellow Fever * Japanese encephalitis * Kyasnur Forest Disease * Bacterial * Brucellosis * Plagues * Human Salmonellosis * Anthrax * Leptospirosis * Rickettsial disease * Scrub typhus * Murine typhus * Tick typhus * Q fever * Parasitic zoonoses * Taeniasis, Hydatid diseases, Leishmaniasis * Surface infections * Tetanus * Leprosy * STD & RTI * Yaws * HIV/AIDS, Any other Epidemiology and nursing	healthcenters, clinics and homes *Group projects /Healtheducation * Lecture	Essay type
,	10	Epidemiology and nursing man- agmentofcommon Non -communi- cable Diseases	management of common Non - communicable diseases * Malnutrition:Undernutrition, over nutrition, nutritional deficiencies * Anaemia	Discussion * Explain us ing charts, graphs, models, films, slides	* Short answers

			* Hypertension * Stroke * Rheumatic Heart Disease * Coronary Heart Disease * Cancer * Diabetes mellitus * Blindness * Accidents * Mental illness * Obesity * Iodine deficiency * Fluorosis * Epilepsy		
VI	5	* Describe the concepts and scope of demography * Describe methods of data collection, analysis and interpretation of demographic data	 Demography * Definition, concepts and scope * Methods of collection, analysis and interpretation of demographic data * Demographic rates and ratios 	* Lecture Discussion * Community identification survey	* Essaytype * Short answers * Objective type * Assessment of Survey report
VII	15	* Identify the impact of population explosion in India * Describe methods of population	Population and its control * Population explosion and its impact on social, economic development of individual, society and country Family welfare programme * Population growth, variation among nations. * Population control: * Overalldevelopment, Women empowerment, Social, EconomicandEducationaldevelopment * Limiting family size; * Promotion of small family norm * Methods: spacing (Natural, Biological, Chemical, Mechanical methods, etc.,) * Terminal: Surgical methods * Emergency contraception	* Lecture Discussion * Counseling * Demonstration * Practice session * Supervised field practice	* Essaytype * Short answers * Objective type * Assessment of Survey report

VIII	8	* Identify the problems / felt needs of the individual & community	Family Health Nursing Home visit – Principles advantages BagTechniques,PrimaryHealth Care – Concept, Principles, elements Records & reports Standing orders Health education – Objective, content,principles,approaches&	* Lecture Discussion * Counseling * Demonstration * Practice session * Supervised field practice	* Essaytype * Short answers * Objective type * Assessment of Survey report
			content,principles,approaches& techniques	practice	

Bibliography:

Textbook:

1. Park (JE), Text Book of Preventive and Social Medicine, Bhanarsidas Bhanot Publishers, Jabalpur, 19th P Edition, 2007.

Suggested Reference:

- 1. Park (JE), Text Book of Preventive and Social Medicine, Bhanarsidas Bhanot Publishers, Jabalpur, 19th P Edition, 2007.
- 1. Stanhope(M), PublicHealthNursing: Population-centeredHealthCareintheCommunity, Elsevier, 7th Edition, 2008.
- 2. Rao (KS), Introduction to Community Health Nursing, S.I.Publications, Chennai, 1989.
- 3. T.N.A.I., A Community Nursing Manual, New Gian Offset Press, New Delhi, 1989.
- 4. Kamalam (S), Essentials in Community Health Nursing Practice, JP Brothers, New Delhi.
- 4. Gupta Text Book of Preventive and Social Medicine, JP Brothers, New Delhi.

COMMUNITY HEALTH NURSING – I

Placement: SECOND YEAR Time: Practical: 135+120 Hrs

Course Description: This course is designed for students to appreciate the principles of promotion and maintenance of health.

Areas	Duration (in weeks)	Objectives	Skills	Assignments	Assignment Method
Communityhealth nursing	2 Wks * urban and * 2wks rural	* Build and Maintain rapport * Identify demographiccharacteristics,health determinants and community health resources -Diagnose health needs of individual andfamilies * Provide primarycare in health centre * Counseland educate individual, family and community	* Use Techniques of interpersonal relationship * Identification of health determinantsofcommunity * History taking * Physical examination * Collectspecimens—sputum, malaria smear * Perform simple lab tests at centre-bloodforHemoglobin and sugar, urine for albumin and sugar * Administer vaccines and medications to adults * Counsel and teach individual, family and community Nutrition Hygiene Self health monitoring -Seeking health services -Healthy life style -Family welfare methods -Health promotion	* To work with 2 assigned families each in urban and rural * Family study * Family study-1 * Observation report of commu- nity-1 * Health talks-2(1 in urbanandin rural)	* Assess clinical perfor- mance withrating scale * Assess each skill with checklist * Evaluation of Family study, observa- tionreport andhealth talk * Comple tion of activity record



KASTURBA GANDHI NURSING COLLEGE

SRI BALAJI VIDYAPEETH, MGMC & RI CAMPUS Pillaiyarkuppam, Pondicherry- 607 402.

COMMUNITY HEALTH NURSING I

B.Sc.(N) II YEAR

Total Marks-75

				KNOWLEDGE/ RECALL		UNDER	RSTAND	ING	APPLICATION			
S .No	UNIT	WEIGHTAGE	MARKS ALLOTTED	LAQ 10	SAQ 5	VSAQ 2	LAQ 10	SAQ 5	VSAQ 2	LAQ 10	SAQ 5	VSAQ 2
1	Introduction	9.3%	7		1	1						
2	Determinants of Health	12%	9		1	1 Evs	1* Optional		1 Evs			
3	Epidemiology	19%	10				1	1*				
4	Epidemiology of communicable Diseases	16%	16		1	1			1		1	1
5	Epidemiology of Non- communicable Diseases	16%	12				1					
6	Demography	9.3%	7					1	1			
7	Population and Its Control	9.3%	7					1 Evs	2			
8	Family Health Nursing	9.3%	7			1*			1		1	

^{*}Choice Question Can Be Taken From This Unit



KASTURBA GANDHI NURSING COLLEGE

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Pillaiyarkuppam, Pondicherry- 607 402.

COMMUNITY HEALTH NURSING - I MODEL QUESTION PAPER FOR B.Sc (N)-II YEAR

Long answer Question

 $2 \times 10 = 20$

- 1.a). Define Epidemiology.
 - b). List down the methods of epidemiology
 - c). Explain briefly about descriptive method of epidemiology.
- 2. a). Define Malnutrition.
 - b) List out the types of malnutrition.
 - c). Differentiate between marasmus with kwashiorkor.

Short answer questions: (any 7)

 $7 \times 5 = 35$

- 3. State the dimensions of health.
- 4. Explain the role of an individual in conservation of natural resources.
- 5. Describe the treatment modalities of tuberculosis.
- 6. Find out the causes of diarrheal diseases & assess the level of dehydration.
- 7. Explain the methods of data collection.
- 8. Explain the population growth.
- 9. Explain the Role of nurses in primary health care
- 10. Differences between case control study and cohort study

Very short answers:

 $10 \times 2 = 20$

- 11. Define community health nursing.
- 12. List out the Ecological pyramids.
- 13. Label the epidemiological triad for chicken pox.
- 14. Identify the mode of transmission of HIV/ AIDS.
- 15. Mention 4 important Role of nurse in prevention of dengue.
- 16. Classify the risk factors of hypertension.
- 17. List out the 4 causes of population explosion
- 18. Complications of measles in measles
- 19. Contraindication of copper T insertion.
- 20. State the principles of primary health care.

MEDICAL SURGICAL NURSING (ADULT INCLUDING GERIATRICS) – II

Placement: **THIRD YEAR** Time: **Theory: 120 Hrs**

Time: **Practical: 270 + 175 Hrs**

Course Description: The purpose of this course is to acquire knowledge and develop proficiency in caring for patients with medical and surgical disorders in varieties of health care settings and at home

Unit	Time (hrs)	Learning Objectives	Content	Teaching Learning Activities	Assignment Method
I	15	* Describe the etiology, pathophysiology, relinical manifestations, diagnostic measures and management of patients with disorders of Ear Nose and Throat	Nursing management of patient with disorders of Ear Nose and Throat * Review of anatomy and physiology of the Ear Nose and Throat- * Nursing Assessment-History and Physical assessment * Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical&surgical nursing management of Ear Nose and Throat disorders; * External ear: deformities * Otalgia, foreign bodies, and tumours * Middle Ear-Impacted wax, Tympanic membrane perforation, otitismedia, otosclerosis, mastoidities, tumours * Inner ear-Meniere's Disease, labyrinthitis, ototoxicity, tumours * Upper airway infections- Common cold, sinusitis, Ethinitis, rhinitis, pharyngitis, tonsillitis and adenoiditis, peritonsilar ab- scess, laryngitis * Upper respiratory Airway epistaxis, Nasal obstruction, laryngeal obstruction, cancer of the lar- ynx Cancer of the oral cavity Palliative Curriculum * Oral fistula * Oral issues in cancer treatment - Mucositis - Xerostomia - Glossitis144	* Lecture discussion * Explain us ing Charts, graphs * Models, films, slides * Demonstration * Practicesession * Casediscussion/Seminar * Healtheducation * Supervised Clinical practice Drug book/presentation	* Essaytype Short answers * Objective type Assess- ment of skills with check list * Assess ment of patient manage ment

			Speech defects and Speech therapy *Deafness — *Prevention, control and Rehabilitation *Hearing Aids, implanted hearing devices SpecialtherapiesNursingprocedures Drugs used in treatment of disorders of Ear Nose and ThroatRoleofnurseCommunicatingwithhearingimpaired and muteness.		
II	15	* Describe the etiology, path physiology, clinical manifestations diagnostic measures and management of patients with disorders of eye.	Nursing management of patient with disorders of eye * Review of anatomy and physiology of the eye Nursing Assessment-History and Physical assessment * Etiology, pathophysiology, clinical manifestations, diagnosis,treatmentmodalities andmedical&surgicalnursing management of eye disorders: * Refractive errors Eyelids- infection, tumours and deformities * Conjunctiva- inflammation and infection, bleeding * Cornea-inflammation and infection * Lens-Cataracts * Glaucoma * Disorder of the uveal tract, * Ocular tumours * Disorders of posterior chamberandretina:Retinaland vitreous problems. * Retinal detachment * Ocular emergencies and their prevention * Blindness * National blindness control program * Eye Banking Eye prostheses and Rehabilitation Role of a nurse- Communication with visually impaired patient, Eye camps Special therapies NursingproceduresDrugsused intreatmentof disordersof eye	Lecture discussion Explain using Charts, graphs Models, films, slides Demonstration Practice session Case discussion/ Seminar Healtheducation Supervised clinical practice/presentation Visit to eye bank Participation in eye-camps	* Essaytype Short answers * Objective type Assess- ment of skills with check list * Assess- ment of patient manage ment problem

III	16	* Describe the	Nursing management of	Lecture	Eccay type
111	10	etiology,	patient with neurological	discussion	Essay type * Short an-
		pathphysiology,	disorders Review of anatomy	* Explain us-	swers
		clinical	and physiology of the neuro-	ing Charts,	* Objective
		manifestations	logicalsystemNursingAssess-	graphs	type
		diagnostic	ment-HistoryandPhysicaland	* Models,	* Assess-
		measures and	neurological assessment and	films, slides	ment of
		management of	GlasgowComaScale.Etiology,	* Demonstra-	skills with
		patients with	pathophysiology, clinical	tion	check list
		neurological	manifestations, diagnosis,	* Practice ses-	* Assess-
		disorders.	treatmentmodalitiesandmedi	sion Case-	ment of
			cal&surgicalnursingmanage-	discussion/	patient
			mentofneurologicaldisorders:	Semi nar	Manage-
			Congenital malformation	Healthedu-	ment
			Headache Spinal Injuries:	cation	problem
			* Paraplegia Hemiplegia	* Supervised	
			* Quadraplegia Spinal cord	problem	
			compression herniation of	clinical-	
			intervertebral disc Tumors	practice/	
			of the brain & spinal cord Intra	presentation	
			cranialandcerebralaneurysms	Drugbook/	
			Infections:	presentation	
			* Meningitis,Encephalitis,Brain	* Visit to	
			abscess, neurocysticercosis Movement disorders	rehabilita-	
			* Chorea Seizures	tion center	
			* Epilepsies		
			* Cerebro Vascular Accident		
			(CVA) Cranial, Spinal		
			Neuropathies		
			* Bell's palsy, trigeminal		
			neuralgia		
			* Peripheral Neuropathies;		
			Guillain Barr's Syndrome		
			* Myasthenia gravis		
			* Multiple sclerosis		
			* Degenerative disease		
			* Delirium		
			* Dementia		
			* Alzheimer's disease		
			* Parkinson's disease		
			Management of unconscious		
			patients and patients with		
			stroke Role of the nurse in		
			communicating with patient		
			having neurological deficit		
			Rehabilitation of patients with		
			neurological deficit Role of		
			nurse in long stay facility		
			(institutions)andathomeSpecial therapies Nursing		
			procedures Drugs used in treat		
		<u> </u>	Protestasionalist		

			ment of neurological disorders Palliative Curriculum Long		
			termcareRehabilitation&pal- liative care		
IV	16	* Describe the etiology, path physiology, clinicalmanifestations diagnostic measures and nursing management of patients with disorders of female reproductive system * Describe concepts of reproductive health and family welfare programme. * Describethemanagementofpatients in emergency palliative care	Nursing management of patient with disorders of female reproductive system Review of anatomy and physiology of the female reproductive system Nursing Assessment-History and Physical assessment. Breast Self Examination Etiology, pathophysiology, clinicalmanifestations, diagnosis, treatment modalities andmedical&surgicalnursing management of disorders of female reproductive system Congenital abnormalities of female reproductive system Sexuality and Reproductive Health Sexual Health Assessment Menstrual Disorders; Dysmenorrhea, Amenorrhea, Premenstrual Syndrome Abnormal Uterine Bleeding; Menorrhagia, Metrorrhagia Pelvic Inflammatory Disease Ovarian and fallopian tube disorders; infections, cysts, tumours Uterine and cervical disorders, Endometriosis, polyps, Fibrodis, Cervical and uterine tumours, Uterine displacement, Cystocele/Urethrocele/Rectocele Vaginal disorders; Infections, and discharges, fistulas, vulval disorders, infections, cysts, tumours Diseases of breasts; Deformities, Infections, Cysts and Tumours Menopause and Hormonal Replacement Therapy Infertility	* Lecture discussion * Explain using Charts, graphs * Models, films, slides * Demonstration * Practice session Casediscussion/Sem nar * Healtheducation * Supervised Clinical practice/ preentation * Drug book / presentation	Essay type * Short answers * Objective type Assess- ment of skills with check list Assess- ment of patient mana gement problem

V	10	* Describe the etiology, path physiology, clinical manifestations diagnostic measures and nursing management of patients with Burns, reconstructive and cosmetic surgery	* Contraception; TypesMethods, Risk and effectiveness * Spacing Methods Barrier methods, InteraUterine De vices, Hormonal, PostConceptional Methods, etc Terminal methods Sterilization * Emergency Contraception methods Abortion—Natural, Medicalandsurgicalabortion—MTP Act * Toxic Shock Syndrome * Injuries and Trauma; Sexual violence Special therapies Nursing procedures Drugs used in treatment of gynecological disorders Nation- al family welfare Programme Palliative Curriculum Palliative care vs hospice care. Emergencies in palliative care Nursing management of patient with Burns, reconstructive and cosmetic surgery * Review of anatomy and physiology of skin and connective tissues and various deformities * Nursing Assessment-History and Physical assessment and Assessment of burns and fluid and electrolyte loss. Etiology, Classification, pathophysiology, clinicalManifest-tations, diagnosis, treatmentmodalities and medical & surgical Nursing management of Burns and Re-constructive and Cosmetic surgery; * Types of Re-constructive and Cosmetic surgery; for burns, congenitaldeformities, injuries and cosmetic purposes * Role of Nurse * Legal aspects * Rehabilitation * Special therapies	tionPractice session * Casediscussion/ Seminar * Healtheducation * Supervised clinical practice	* Essaytype * Short answers * Objective type * Assess- ment of skills with check list Assess ment of patient mana gement problem
			* Role of Nurse * Legal aspects		

VI	10	Describe the	Nursing management of	Lecture	Essay type
		etiology,	patient	discussion	* Short
		path physiology,	with oncological conditions	* Explain us-	answers
		clinical	* Structure & characteristics of	ing Charts,	* Objective
		manifestations	normal & cancer cells	graphs	type
		diagnostic	* Nursing Assessment-History	* Models,	Assess-
		measures and	and Physical assessment	films, slides	ment of
		nursing	* Prevention, Screening, Early	* Demonstra-	skills with
		management of	detection, Warning signs of	tion	check list
		patients with	cancer	* Practiceses-	* Assess
		oncology condition	* Epidemiology, Etiology,	sion	ment
		oncology condition	Classification, Pathophysiol-	* Casediscus-	of patient
			ogy,Staging,clinicalmanifes-	sion/	manage-
			tations, diagnosis, treatment	Seminar	ment
			modalities and medical and	* Healthedu-	problem
			surgical,nursingmanagement	cation	
			of oncological conditions	* Supervised	
			* Common malignancies of	clinical	
			various body systems; Oral,	practice/	
			larynx, lung, Stomach and	presentation	
			Colon, Liver, Leukemias and	* Drugbook/	
			lymphomas, Breast, cervix,	presentation	
			Ovary, Uterus, Sarcoma, Brain,		
			Renal, Bladder, Prostate etc		
			* Oncological emergencies		
			* Modalities of treatment		
			* Immunotherapy		
			* Chemotherapy		
			* Radiotherapy		
			* Surgical Interventions		
			* Stem cell and Bone marrow		
			transplants * Gene therapy		
			* Gene therapy* Other forms of treatment		
			* Psychosocialaspectsofcancer		
			* Rehabilitation		
			* Palliative care; Symptom and		
			Painmanagement, Nutritional		
			support		
			* Home care		
			* Hospice care		
			* Stomal Therapy		
			* Special therapies		
			* Psycho social aspects		
			* Nursing procedures		
		<u> </u>			

X 777	10	# D '1	N	.,.	-	.1.	
VII	10	* Describeorganiza-	Nursing management of		Lecture		Essaytype
		tion of emergency	patients in Emergency &		discussion	*	Short
		and disaster care	Disaster situations Disaster		Explain		answers
		services	Nursing:		usingCharts,	*	Objective
		* Describe the role	* Concepts and principles of		graphs		type
		of nurse in disaster	Disaster Nursing	*	Models,	*	Assess-
		management	* Causes and Types of Disaster:		films, slides		ment of
		* Describetheroleof	• 1		Demonstra-		skills with
		nurse in manage-	* Earthquakes,Floods,Epidem-		tion		check list
		ment of common			Practiceses-	*	Assess-
		Emergencies	, -J		sion		ment
		Emergencies	The, Empression, Theraemes	*			
			* Violence,Terrorism,Biochem-		Case dis-		of patient
			ical, War		cussion/		manag
			* Policies related to emergency		Seminar		ement
			/disastermanagement: Inter-		Healthedu-		
			national, National, State and		cation		
			Institutional		Supervised		
			* Disaster preparedness		problem		
			* Team, Guidelines, Protocols,		clinical		
			Equipments, Resources *Co-		practice/		
			ordinationandinvolvementof		presentation		
			Community, various Govern-	*	Drugbook/		
			mentdepartments, NonGovt.		Presentation		
			organizationsandInternational	*	Disaster		
			Agencies		Manage-		
			* Role of nurse: working		ment Drills		
			* Legal Aspects of Disaster				
			Nursing				
			C				
			impact of ficultification effects.				
			Post traumatic stress disorder				
			* Rehabilitation:Physical,Psy-				
			chosocial, Financial, Reloca-				
			tion Emergency Nursing				
			* Concept, priorities, principles				
			and scope of emergency				
			nursing				
			* Organization of emergency				
			services: physical set up,				
			staffing, equipment and				
			supplies,protocols,conceptsof				
			triage and role of triage nurse				
			* Coordinationandinvolvement				
			of different departments and				
			facilities				
			* Nursing assessment - History				
			and Physical assessment				
			* *Etiology, Pathophysiology,				
			Clinical manifestations,				
			Diagnosis, Treatment				
			modalities and medical				
			surgical nursing				
			management of patient with				
			medical surgical emergency				
			medicai surgicai emergency				

VIII	10	*Explain the concept and problems of aging	* Principles of emergency management * Common emergencies * Respiratory emergencies * Cardiac emergencies * Shock and Hemorrhage * Pain * Poly trauma, road accidents, crush injuries, wound, bites, poisoning — food, gas, drugs and chemical poisoning. * Seizures * Thermal Emergencies: Heat stroke & cold injuries * Pediatric emergencies * Psychiatric emergencies * Obstetrical emergencies * Violence, Abuse, Sexual as- saultCardiopulmonaryresusci- tation Crisis intervention * Roleofnurse:Communication and Inter Personal Relations * Medico- legal Aspects Nursing care of the elderly * Nursing assessment —history and physical assessment * Aging;	Lecture Discussion * Explain usingcharts,	* Essaytype * short answers * objective
		aging	* Demography; Myths and realities * Conceptsandtheoriesofaging * Cognitive aspects of aging * Normal biological aging * Age related body systems changes * Psychosocial aspects of aging * medicationsandelderly-Stress and coping in older adults * Commonhealthproblemsand nursing management; * Cardiovascular, respiratory, Musculoskeletal, * Endocrine, genitourinary, gastrointestinal * Neurological, skin and other sensory organs * Psychosocial and sexual * Abuseofelderly-Roleofnurse forcareofelderly:ambulation, Nutritional,communi-cational, psychosocial, and spiritual * Role of nurse for caregivers of Elderly	# supervised clinical practice # Drug book / presentation * Visit to old age home	* Assess- ment of skills with checklist * assess- ment patient manage- ment problems

			* Role of family and formal and non-formal care givers * use of aids and prosthesis (hearing aids, dentures) * legal and ethical issues * Provisionsandprogrammesfor elderly; privileges, community programmes and health ser vices; home and institutional care		
IX	10	* Describe organization of critical care units * Describe the role of nurse in Management of patients critical care units	Nursing management of patient in critical care units * Nursing assessment-History and physical assessment * Classification * Principles of critical care nursing * Organization; Physical setup, policies, Staffing norms, * protocols, equipment and supplies * Special equipments; ventilators, cardiac monitors, defibrillators, * Resuscitation equipments * Infection control protocols * Nursing management of Critically ill patients; * Monitoring of critically ill patient * CPR-Advance cardiac Life support * Treatments and procedures * Transitional care * Ethical and legal Aspects * Communication with patient and family * Intensive care records * Crisis Intervention DeathandDying—copingwith * Drugs used in critical care unit	Lecture Discussion * Explain using charts, graphs, Models, films,Slides * Demonstration * practicesession * case discussion /seminar * health education * supervised clinical practice * Drug book presentation * Visit to old age home	* Essaytype * short answers * objective type * Assess- ment of skills with checklis * Assess- ment patient manage- ment problems
X	8	-Describe the etiology, patho physiology, clinical manifestations, assessment, diagnostic measures and management of patients with	Nursing management of patients adults including elderly with occupational and Industrial disorders -Nursing assessment—History and physical assessment -Etiology, pathophysiology, clinicalmanifestations, diagnosis, treatment modalities and medical & surgical nursing	Lecture Discussion * Explain using charts, graphs, Models, films, Slides * Demonstration	* Essaytype * short answers * objective type * Assess- ment of skills with checklis

occupational	managementofoccupationaland	* practice ses-	* Assess-
and industrial	industrial health disorders	sion	ment
health disorder	-Role of nurse	* case discus-	patient
	. Special therapies, alternative	sion	manage-
	therapies, Nursing procedures	/seminar	ment
	-Drug used in treatment of	*healtheduca-	problems
	occupational and industrial	tion	
	disorders		

Bibliography:

- 1. Brunner, Medical Surgical Nursing, Elsevier, 11th edition
- 2. Hughes (P), Clinical Practice Protocols in Oncology Nursing, Jones & Bartlet, 2007
- 3. Hickey, The Clinical Practice of Neurological & Neurosurgical Surgical Nursing, Lippincott, 5th Edition.
- 4. Hudak, Critical Care Nursing: A Holistic Approach, Lippincott, 7th edition.
- 5. Kaplow, Crictal Care Nursing: Surgery for Optimal Outcomes, Jones & Bartlet, 2007.
- 6. Dhiagra, Ear Nose and Throat
- 7. Maqboal, Textbook of Ear, Nose & Throat Diisease, Jaypee, 10th edition.
- 8. Nema (HV), Textbook of Opthmology, Jaypee, 4th edition.
- 9. Padmini (HR), Opthamology, Ahuja Publishing House, 2nd edition.
- 10. Bhihoto, Parson's Disease of the Eye, Elsevier, 19th edition.

MEDICAL SURGICAL NURSING (ADULT AND GERIATRICS) – II PRACTICAL

Placement: **THIRD YEAR** Time: **Practical: 270 + 175 Hrs**

Areas	Duration (in weeks	Objectives of Posting	Skills to be Developed	Activities	Assignment Method
ENT	1	* Provide care to patients with ENT disorders * Counsel and educate patient and families	 Perform examination of ear, nose and throat Assist with diagnostic procedures Assist with therapeutic procedures Instillation of drops Perform/assist with irrigations Apply ear bandage Perform tracheostomy care Teach patients and families 	* Providecare to 2 -3 assigned patients * Nursing care plan — 1 * Observation reports of OPD * Maintain drug book	* Assess each skill with checklist * Assess perfor- mance withrating scale * Evaluation of obser- vation report of OPD * Comple tion of activity record
Oph thalm ology	1	 Provide care to patients with Eye disorders Counsel and educate patient and families 	 * Perform examination of eye * Assist with diagnostic procedures * Assist with therapeutic procedures * Perform/assist with irrigations * Apply eye bandage * Apply eye drops/ointments * Assist with foreign body removal * Teach patients and families 	* Providecare to 2 -3 assigned Patients * Nursing care plan — 1 * Observation reports of OPD and eye bank * Maintain drug book	* Assess each skill withcheck- list Assess perfor- mance withrating scale * Evaluation of obser- vation report of OPD/ eye * Comple- tion of activity record
Neu-rology	2	 Provide care to patients with Neurological disorders Counsel and educate patient and families 	 * Perform Neurological examination * Use Glasgow Coma Scale * Assist with diagnostic procedures * Assist with therapeutic procedures * Teach patients and families * ParticipateinRehabilitation program 	* Providecare to 2 -3 as signed Patients with neurological disorders * case study/casepresentation - 1	Assess each skill with checklist * Assess perfor mance withrating scale

			 Perform active & passive exercises Practice medical & surgical asepsis Counsel & Teach patients and families Participate in rehabilitation program 	* Maintain drug Book Health Teaching	* Evaluation of Case Study and Health Teaching * Completion of activity record
Gyne-cology ward	1	Provide care to patients with Gynecological disorders. Counsel and educate patient and families	 * Assist with Gynecological examination Assist with diagnostic procedures * Assist with therapeutic procedures * Teach patients and families Teaching self-breast examination Assist with PAP Smear collection 	Provide care to 2 -3 assigned Patients * Nursing Care Plan - 1 * Maintain drug Book	Assess each skill with check list. Assess performance with rating scale. Evaluation of care plan Completion of activity record.
Burns Unit	1	Provide care to patients with B urns. Counsel and educate patient and families	* Assessment of burns * Percentage of burns * Degree of burns * Fluid and electrolyte replacement therapy * Assess * Calculate * Replace * Record intake/ output * Care of Burn Wounds * Bathing * Dressing * Perform active & passive exercises * Practice medical & surgical aspesis * Counsel&teach patients and families * Participate in rehabilitation program	Provide care to 1 -2 assigned Patients * Nursing Care Plan - 1 * observation report of Burns unit	Assess each skill with check list. Assess performance with rating scale. Evaluation of careplanand observation report. Completion of activity record.
Oncology Unit	1	Provide care to patients with cancer Counsel and educate patient and families	* Screen for common cancers — TNM classification Assist with diagnostic procedures * Biopsies * Pap smear * Bone —	Providecareto 2-3 assigned patients. Nursing care plan – 1 Observation report of cancer unit	Assess each skill with check list. Assess performance with rating scale.

			marrow aspiration Breast examination Assist with therapeutic Participates in various		Evaluation of careplanand observation report.
			modalities of treatment * Chemotherapy * Radiotherapy * Pain management * Stomaltherapy * Hormonal therapy * Immuno therapy * Gene therapy * Alternative therapy Participate in palliative care Counsel and teach patients families * Self Breast Examination * WarningsignsParticipatein rehabilitation program		Completion of activity record.
Critical Care Unit	2	Provide care to critically illpatients Counsel patient and families for grief and bereavement	Monitoring of patients in ICU Maintain flow sheet Care of patient on ventilators Perform Endotracheal suction Demonstrates use of ventilators, cardiac monitors etc. Collect specimens and interprets ABG analysis Assists with arterial puncture Maintain CVP line Pulse Oximetry CPR – ALS Defibrillators Pace makers Bag-mask ventilation Emergency tray / trolly * Crash Cart Administration of drugs * Infusion pump * Epidural * Intra thecal * Intracardiac * Total parenteral therapy * Chest physiotherapy * Perform active & passive exercises * Counsel the patient and family in dealing with grieving and bereavement	Provide care to 1 assigned paient. Observation report of critical care unit Drug book.	Assess each skill with check list. Assess performance with rating scale. Evaluation of observation.

in grief and bereavement.	Casu- alty / Emer- gency	1	Provide care to patients in emergency and disaster situation. Counsel patient and families for grief and bereavement	Practice ' triage". Assist with assessment, examination, investigations & their interpretations, in emergency and disaster situations. Assist in documentations Assist in legal procedures in emergency unit Participate in managing crowd Counsel patient and families	Observation report of Emergency unit	Assess performance with rating scale. Evaluation of observation report. Completion of activity record.
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Placement: Time: 9 Weeks

Areas	Duration (in weeks	Objectives of Posting	Skills to be Developed	Assess Clinical performance with rating scale
Medical Ward	2	Provide comprehensive care to patients with medical and surgical conditions including	Integrated Practice	Assess Clinical performance with rating scale
Surgical ward	2	emergencies		
Criticalcare unit/ICCU	1	Assist with common operations		
Operation Theatre (Eye, ENT, Neuro)	2			

BLUE PRINT FOR QUESTION PAPER – MEDICAL SURGICAL NURSING - II Placement III Year B.Sc (N)

Total Marks: 75

Each
ı paper shall
shall
contain

2 Long Answer Questions (LAQ) for 10 marks

10 Very Short Answer Questions (VSAQ) for 2 marks Short Answer Questions in 8 (SAQ) for 5 marks

7

 $2 \times 10 = 20$

	Unit – I Disorders of Ear, Nose & Throat	12%	9	V	1			2		
2	Unit II – Disorders of Eye	16%	12					1	1	
3	Unit III – Neurological Disorders	18.67%	14			1		1	1	
4	Unit IV – Disorders of Female Reproductive System	2.67%	2				1#	1		
5	Unit V – Burns, reconstructive & cosmetics surgery	9.33%	7				1	1		
6	Unit VI- Oncological Disorders	9.33%	7				1	1		
7	Unit VII - Emergency & Disaster Nursing	9.33%	7			1	1			

Knowledge/Recall

SAQ(5)

VSAQ

(2)

LAQ

(10)

Weight

age

Sl.No

1

Unit

Marks

Allotted

LAQ

(10)

Understanding

VSAQ

(2)

LAQ

(10)

SAQ

(5)

Application

VSAQ

(2)

SAQ

(5)

8	Unit VIII - Nursing care of Elderly	6.67%	5			1			
9	Unit IX - Critical care Nursing	9.33%	7			1	1+1*	1*	
10	Unit X – Occupational & Industrial Disorders	h h / 1//0	5			1			
	Total	100%	75						

Distribution: Knowledge – 26.67% Understanding – 61.33% Application –12%

^{*}Optional [units that could be considered in the consequent years] #Choice Question could be taken from that unit.

KASTURBA GANDHI NURSING COLLEGE

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Pillaiyarkuppam, Pondicherry- 607 402.

III Year B.Sc (N) Degree Examination MEDICAL SURGICAL NURSING II Model Question Paper

I.	Answer in Detail:	10X2=20
I.	Answer in Detail.	10/12-20

- 1. Mr. X admitted in casualty with complaints of Right hemiplegia, slurred speech and loss of memory (2+3+5)
- a) Define Cerebro Vascular Accident.
- b) How will assess the patient with Cerebro Vascular Accident.
- c) Construct a nursing care plan for a patient with Cerebro Vascular Accident.
- 2. Mr. Y admitted in ophthalmic ward with the diagnosis of glaucoma (2+3+5)
- a) What are the characteristic changes observed in glaucoma patient
- b) Classify glaucoma
- c) Explain the surgical and nursing intervention done for patients with glaucoma
- II. Answer any 7 of the following: (Short answer questions) 7X5=35
- 3. Explain different types of hearing aids with its purpose
- 4. Discuss the cause and management of patient with infertility
- 5. Construct a fluid resuscitation for a patient with 45% burns with consensus formula
- 6. Elaborate the collaborative management of patients with lung cancer
- 7 .Explain the legal aspects of disaster nursing
- 8. Describe the theories of ageing process
- 9 .Describe the nursing care of patient in ventilator
- 10. Enumerate the health problems due to industrialization

III. Very short answer Questions:

10X2=20

- 11. Define quinsy
- 12. Indicate the need for tracheostomy
- 13. Name the types of refractive errors
- 14. Specify any 4 infectious disease of the brain.
- 15. Outline the cardinal features in Parkinson's disease
- 16. Define uterine prolapsed
- 17. Justify Rule of Nine
- 18. Name any four tumor markers?
- 19.List down any four natural disasters
- 20. Outline the criteria for weaning a patient from ventilator

THIRD YEAR - During the Medical Surgical Nursing

(15 Hrs)

Un	it	Но	urs	Content	
I		2		Yogic management for Ear Nose and Throat disorders	
II		1		Yogic management for Eye problems	
III		3		Yogicmanagementforneurologicaldisor- ders	
IV		2		YogicmanagementforFemalereproductive disorders	
VI		2		Yogicmanagementforpatientswithoncological conditions	
VIII		3		Yogic management for the elderly	
IX		2		Yogic management for occupational and industrial disorders	

EVALUATION

- ➤ Written Test
- Practical Evaluation

PRESCRIBED TEXT BOOKS

- 1. A primer of Yoga Theory by Dr Ananda Balayogi Bhavanani by, Pondicherry
- 2. Basic Hatha Yoga lessons by Dr Ananda Balayogi Bhavanani and Dr Meena Ramanathan, Pondicherry
- 3. Fundamentals of Yoga History compiled by Dr Meena Ramanathan, Pondicherry
- 4. Principles and methods of Yoga notes compiled by Dr Ananda Balayogi Bhavanani, Pondicherry
- 5. Practical notes 1 & 2 compiled by Dr Ananda Balayogi Bhavanani, Pondicherry
- 6. Yoga Chikitsa by Dr Ananda Balayogi Bhavanani, Pondicherry

BOOKS FOR REFERENCE

- A yogic approach to stress by Dr Ananda Balayogi Bhavanani, Pondicherry
- Asana, Pranayama, Mudra and Bandha by Swami Satyananda, BSY, Munger
- Asanas : Why? And how? by Shri. O.P. Tiwari. Kaivalyadhama, Lonavla.
- Ashtanga Yoga of Patanjali by Dr Swami Gitananda, Ananda Ashram, Pondicherry
- History of Yoga from Ancient to Modern Times by Meenakshi Devi Bhavanani, Ananda Ashram, Pondicherry
- Pranayama by Swami Kuvalayananda. Kaivalyadhama, Lonavla.
- The Yoga Tradition by George Feuerstein. Shambala Pub. USA
- Thiruvalluvar on Yogic Concepts- Meena Ramanathan, Puducherry-13
- Yoga Life, Journal of ICYER at Ananda Ashram, Pondicherry
- Yoga Mimamsa, Journal of Kaivalyadhama, Lonavla.

CHILD HEALTH NURSING

Placement: **THIRD YEAR** Time: **Theory: 105 Hrs**

Time: **Practical: 270 + 80 Hrs**

Course Description : This course is designed for developing an understanding of the modern approach to child- care, identification, prevention and nursing management of common health problems of neonates and children

Unit	Time (hrs)	Learning Objectives	Content	Teaching Learning Activities	Assignment Method
I	20	* Explain the modern concept of child care and principles of child health nursing * Describe national Policyprogrammes and legislation in relation to child health and welfare * List major causes of death during infancy, early and late childhood * Describe the major functions and role of the paediatric nurse in caring for a hospitalized child. * Describe the principles of child health nursing Describe thecareofchildren interminalillness/dying	Introduction Modern concepts of child care * Internationally accepted rights of the child * National policy and legislations in relation to child health and welfare * National programmes related to child health and welfare * National programmes related to child health and welfare * Agencies related to welfare services to the children * Changing trends in hospital care, preventive, promotive and curative aspects of child health. * Child morbidity and mortality rates * Differences between an adult and child * Hospital environment for a sick child * Impact of hospitalization on the child and family * Grief and bereavement * The Role of a child health nurse in caring for a hospitalized child - Palliative care for children - Needs of family when child is terminally ill/ dying Play therapy for terminally ill child * Principles of pre and post operative care of infants and children * Child health nursing Procedures	* Lecture Discussion * Demonstration of common paediatric procedures	* Short answers * Objective type * Assessment of skills with Checklist

II	20	* Describe the normal growth & development of children at different ages * Identify the needs of children at different ages & provideparental guidance * Identify the nutritional needs of children at different ages and ways of meeting the needs * Appreciate the role of play for normal & sick children. * Appreciate the preventive measures and strategies for children	The healthy child * Principles of growth & development * Factors affecting growth & development * Growthanddevelopmentfrom birth to adolescence * The needs of normal children through the stages of developmental and parental guidance * Nutritionalneedsofchildren& infants: breast feeding, exclu sive breast feeding, supplementary/artificialfeedingand weaning * Babyfriendlyhospitalconcept * Accidents: causes and prevention * Value of play and selection of play material * Preventive immunization, immunization program and cold chain * Preventive peadiatrics * Careofunder five & under five clinics/ well baby clinics	* Lecture Discussion * Developmental study of infants and children * Observationstudyof normal and sick child * Fieldvisitto Anganwadi, child guidance clinic * Film show on breast feeding * Clinical practice / field	* Short answers * Objective type * Assess- ment of visits and develop- mental study reports
III	15	* Provide care to normal & high risk neonates * Perform neonatal resuscitation. * Recognize and manage CommonNeonatal problems	Nursing care of a neonate * Nursing care of a normal newborn /Essential newborn care * Neonatal resuscitation * Nursing management of a low birth weight baby * Kangaroo mother care * Nursing management of common neonatal disorders * Organization of neonatal unit * Identification and nursing management of common congenital malformations.	* Lecture Discussion * Workshop on neonatal resuscitation * Demonstra- tion * Practice ses sion * Clinical practice	* Short answers * Objective type * Assess ment of skills with checklist
IV	10	Describe the integratedmanagement of neonatal and childhood illness (IMNCI)	* Integrated management of neonatal and childhood Illnesses (IMNCI)	* Lecture * Discussion * Demonstra- tion	* Short answers * Objective type * Assess ment of skills with checklist

V	30	* Provide nursing care in common childhood diseases	Nursing management in common childhood diseases * Nutritional deficiency disorders * Respiratory disorders and Infections	* Lecture Discussion* Demonstra- tion* Practiceses- sion	* Short answers * Objective type
		* Identify measures to preventing common childhood diseases including care of intersex children	* Gastrointestinal infections, infestations and congenital disorders. * Cardiovascular Problems,congenital defects and rheumatic fever, rheumatic heart disease * Genito-urinary disorders:acute glomurulonephritis, Nephrotic syndrome, Wilms' tumor, infection and congenital disorders. * Neurological infections and disorders: convulsions, epilepsy, meningitis, hydrocephalous,spina-bifida. * Haematological disorders: Anaemia, thalasemia, ITP, Leukemia, hemophilia * Endocrine disorders: Juvenile Diabetes Mellitus * Orthopedicdisorders:clubfeet, hip dislocation and fracture. * Disordersofskin,eye,andears * Common communicable diseases in children, their identification, nursing management in hospital and home and prevention * Child health emergencies: Poisoning, foreign bodies, haemorrhage, burns and Drowning * Nursing care of infant and children with HIV/AIDS.	* Clinical practice	* Assessment of skills with checklist
VI	10	* Manage Thechild With behavioral and Social prob- lems	Management of behavioral and social problems in children * Management of Common behavioral disorders * Management of common psychiatric problems	* Lecture Discussion * Field visits to child guidance clinics, school for	* Short answers * Objective type

	* Transgender Curriculum * Transgender-Inclusive Nursing Curriculum * Gender-non conforming children * Children of LGBT Parents: social, mental issues * Medical and surgical treatment in Intersex condition Care of Intersex child		
* Identify The social and welfare services for challenged Children	 * management of Challenged children: Mentally, physically, & socially challenged * Welfare services for challenged children in India -Child guidance clinics 	mentally and physically, socially challenged	*Assesme nt of field Reports

REFERENCES:

- 1. Whaley & Wong's, Nursing Care of Infants & Children, Mosby, Philadelphia.
- 2. Marlow, Textbook of Pediatric Nursing, Harecourt (India) Ltd.
- 3. Nelson, Textbook of Paediatrics, Harecourt India private Ltd.
- 4. Parthasarathy, IAP Textbook of Paediatrics, Jaypee Brothers Medical Publishers, New Delhi.
- 5. Hockenberry, Wong's Maternal Child Nursing Care, Mosby.
- 6. Kenner (C), Comprehensive Neonatal Nursing, Saunders.6. Pilltteri (A), Maternal and Child Health Nursing Care, LWW, Philadelphia,

CHILD HEALTH NURSING -PRACTICAL

Placement: **THIRD YEAR** Time: **Theory : 270+80 Hrs**

Areas	Duration (in weeks	Objectives	Skills	Assignments	Assignment Method
Paediat ric Medi cine Ward	3	* Provide nursing care to children with various medical disorders * Counseland educate parents	* Taking pediatric History * Physical examination and assessment of children * Administer of oral, I/M& IV medicine/ fluids * Calculation of fluid requirements * prepare different strengths of I.V fluids * Apply restraints * Administer O2 inhalation by different methods * Give baby bath * Feed children by Katori spoon,etc. * collect specimens for common investigations * Assist with common Diagnostic procedures * Teach mothers/ parents * Malnutrition. Oral rehydration therapy * Feeding & weaning Immunization schedule * Play therapy * Specific Disease Conditions	* Give care to three assigned paediatric patients * Nursing care plan-1 * Case study/ presentation -1 * Health talk-1	* Assess clinical perfor- mance withrating scale * Assess each skill with checklist OSCE/ OSPE * Evaluation of case study/ presenta- tion and health education session * Comple tion of activity record.
Paediatric surgery ward	3	* Recognize different pediatric surgical conditions/ malforma- tions * provide pre and post operative care to chil- dren with Common paedatric surgical conditions/ malforma- tion	* Calculate, prepare and administer I/V fluids * Do bowel wash * Care for ostomies * Colostomy irrigation Ureterostomy, Gastrostomy, enterostomy. * Urinarycatheterizationand drainage * Feeding * Naso-gastric * Gastrostomy * Jejunostomy * Care of surgical wounds * Dressing * Suture removal	* Give care to three assigned paediatric surgical patients * Nursing care plan-1 * Case study/ presentation	* Assess clinical Perfor- mance withrating scale * Assess each skill with checklist OSCE/ OSPE * Evalution of case study/ presenta- tion

			e	ounsel and ducate arents					* Completion of activity record.
Pedi- atric OPD/ Immu- niza- tion Room		1	assechil Helevand Anti * Pe Imm * G Edu Nut	erform essment of dren: lealth, elopmental hropometric erform nunization ive health acation/ critional	* Health : *Develop * Anthrop assessmen * Immun	nt ization Nutritional	*Developr tal study-1	men-	-Assess clinical performance with rating scale *Completion of activity record
Paediatric Medicine and surgery ICU		1+1	nurs	ovide sing care to ically ill dren	Care of a * Endotra * Chest p * Admini infusion p * Total pa * Phototh * Monitor	warmer child on ventilator acheal suction whysiotherapy ster fluids with coump arenteral nutrition arrapy ring if babies pulmonary	*Nursing care Plan-1 * Observation report-1		* Assess clinical performance with rating scale *Completion of activity record * Evaluation of observa- tion report
medicin	Padiatric 1 -Provide comprehensive care to children with medical conditions		dren	-Integrated practi	ce	-Assess clinical performance with rating scale			
Pediatric Surgery ward/IC		comprehensive per		perf	sess clinical formance n rating scale				
NICU		1		-Provide intensive connectes	are to	-Integrated practice		-Assess clinical performance with rating scale	

BLUE PRINT OF QUESTION PAPER - CHILD HEALTH NURSING

Placement III Year B.Sc (N)

Total Marks: 75

• Each paper shall contain

• 2 Long Answer Questions (LAQ) for 10 marks 2X10= 20

• 7 Short Answer Questions (SAQ) for 5 marks $7 \times 5 = 35$

• 10 Very Short Answer Questions (VSAQ) for 2 marks $10 \times 2 = 20$

75

Sl.				Know	ledge	/ Recall	Un	derstan	ding	A	pplicati	ion
No	Unit	Weightage	Marks Allotted	LAQ (10)	SAQ (5)	VSAQ (2)	LAQ (10)	SAQ (5)	VSAQ (2)	LAQ (10)	SAQ (5)	VSAQ (2)
1	Unit – I Introduction	5%	4			01			01			
2	Unit II – The Healthy Child	9%	7					01	01			
3	Unit III – Nursing care of a neonate	9%	7		01				01			
4	Unit IV – Integrated Management of neonatal & childhood illness	7%	5					01				
5	Unit – V • Nutritional Deficiency	12%	9			01		01*	01			
	Respiratory Disorders						01*	01				
	Gastro Intestinal System Disorders	20%	15							01		
	Genito Urinary Disorders							01				
	Cardio Vascular System Disorders	20%	15				01					
	Neurological Disorders	3,0					01*	01				

	Hematological DisordersEndocrine Disorders	9%	7			01		01				
	Orthopedic & Skeletal Disorders	3%	2						01			
	Disorders of Eye, Skin, Ears											
	Common communicable diseasesChild Health Emergencies	3%	2					*01	01			
6	Unit VI – Behavioral & Social problems	3%	2					01*	01			
Total		100%	75	LAQ (2	*SAQ child Nutri *LAQ	(7), VSA(can be ta health en tional Def can also ological d	ken fron nergenci iciency. be taker	ies / Beh n from Re	avioral 8	& Social	problen	

NOTE: DISTRIBUTION

Knowledge 14% Understanding 72% Application 13%

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KASTURBA GANDHI NURSING COLLEGE

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Pillaiyarkuppam, Pondicherry- 607 402.

III YEAR B.Sc Nursing - CHILD HEALTH NURSING

Time: 3 Hrs Max Marks: 75

I. Long Answer questions (10x2=20)

- 1. Baby .Anu, 8 months old is admitted with the diagnosis of Acute Gastro Enteritis (AGE) WITH 10% dehydration.
- a) List the causes of AGE (2)
- b) Describe the degree of dehydration according to IAP (3)
- c) Describe the nursing management of baby Anu (5)
- 2. Baby Banu 4 months old baby admitted in PICU with the complaints of blue spells and diagnosed as Tetralogy of Fallot.
- a) What are the 4 conditions involved in TOF (2)
- b) Explain the hemodynamic change in TOF (3)
- c) Draw the nursing care plan for Baby Banu (5)

II. Short Answer questions (7x5=35) (Any seven)

- 3) Describe the types of Spina bifida and its management
- 4) Write the cardinal features and Pathophysiology of Nephrotic Syndrome
- 5) Write the Nursing Management of child with Asthma
- 6) Write the factors Influencing Growth and Development
- 7) Explain APGAR
- 8) Nursing management of child with Juvenile Diabetes
- 9) Draw the IMNCI care Management Process
- 10) Nursing management of child with Near drowning

III. Very short Answer Questions: (10x2=20)

- 11) Define Primary Complex
- 12) List down any four Newborn Reflexes
- 13) What is protein Energy Malnutrition?
- 14) List out the Types of Fracture
- 15) List down the fat soluble vitamins and their deficiencies.

- 16) Define High Risk newborn
- 17) What is Child Guidance Clinic?
- 18) List any 4 Clinical Manifestations of Leukemia
- 19) List down the Techniques of Breast Feeding
- 20) Write any four Voluntary Agencies

MENTAL HEALTH NURSING

Placement: THIRD YEAR Time: Theory: 90 Hrs

Time: Practical: 270 Hrs

Course Description: This course is designed for developing an understanding of the modern approach to mental health, identification, prevention and nursing management of common mental health problems with special emphasis on therapeutic interventions for individuals, family and community.

Unit	Time (hrs)	Learning Objectives	Content	Teaching Learning Activities	Assign- ment Method
I	5	* Describe the historical development & current trends in mental health nursing * Describe the epidemiology of mental health problems * Describe the National Mental Health Act, programme and mental health policy * Discuss the scope of mental health nursing * Describe the concept of normal & abnormal behaviour	Introduction * Perspective of Mental Health and Mental Health Nursing: evolution of mental health services, treatments and nursing practices. * Prevalence and incidence of mental health problems and disorders. * Mental Health Act * NationalMentalHealthPolicy visavisNationalHealthPolicy National Mental Health Programme * Mental health team * Nature and scope of mental health nursing * Role and functions of mental healthnurseinvarioussettings and factors affecting the level of nursing practice. * Concepts of normal and abnormal behaviour	Lecture Discussion	* Short answers * Objective type * Assessment of Field visit reports

II	5	* Define the various terms used in mental health Nursing * Explain the classification of mental disorders * Explain psycho dynamics of maladaptive behaviour * Discuss the Etiological factors, psychopathology of mental disorders * ExplainthePrinciples and standards of mental health nursing	Principles and Concepts of Mental Health Nursing * Definition: Mental health nursing and terminology used * Classification of mental disorders: ICD * Review of personality development, defensemechanisms * Maladaptive behavior of individuals and groups: stress, crisis and disaster * Etiology: Bio-psycho-social factors * Psychopathology of mental disorders: Review of structure and functions of brain, limbic system and abnormal neuro transmission	* Lecture discussion * Explain usingCharts * Review of personality develo pment	* Essay type * Short answers * Objective type
		* Describe the conceptual models of mental health nursing	* Principles of Mental health nursing practice * Standards of mental health nursing practice * Conceptualmodelsandtherole of nurse: * Existential Model * Psycho –analytical models * Behavioural models * Inter personal model * Palliative Curriculum Distress of chronically ill & distress thermometer Approachtoemotionalresponses tobadnewAnxietyanddepression in advanced illness		
III	8	* Describe nature, purpose and process of assessment of mental health status	Assessment of mental health status * History taking * Mental status examination * Minimental status examination * Neurological examination review * Investigations: Related Blood chemistry, EEG, CT,& MRI * Psychological tests Role and responsibilities of nurse	* Lecture discussion * Demonstr ation * Practiceses- sion * Clinical practice	* Short answers * Objective type * Assess- ment of skills with checklist

IV	6	* Identify therapeutic communication techniques * Describe therapeutic relationship * Describe therapeutic impasse and its intervention	Therapeutic communication and nurse-patient relationship * Therapeutic communication: Types, Techniques, Characteristics * Types of relationship, * Ethics and responsibilities * Elements of nurse patient contract * Review of technique of IPR—Johari Window * Goals, phases, tasks, therapeu tic techniques * Therapeutic impasse and its Intervention Palliative Curriculum Breaking bad news Collusion	* Lecture discussion * Demonstration * Role Play * Process Recording	* Short answer * Objective type
V	14	* Explain treatment modalities and therapies used in mental disorders and role of the nurse	Treatment modalities and therapies used in mental disorders * Psycho pharmacology * Psychological therapies: Therapeuticcommunity,psychotherapy,individual,psycho analytical, cognitive and supportive, family, group, behavioural, play, psychodrama, music, dance, recreational and light therapy Relaxation therapies: Yoga, Meditation, Biodedeck * Alternative systems of medicine * Occupational therapy * Physical therapy: electroconvulsive therapy * Geriatric considerations * Role of nurse in above therapies	* Lecture discussion * Demonstration * Groupwork * Practice session * Clinical practice	* Essay Type * Short answers * Objective type

VI	5	* Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with Schizophrenia, and other psychotic disorders	Nursing management of Patient with Schizophrenia, and other psychotic disorders * Classification: ICD * Etiology, psycho-pathology, types, clinical manifestations, diagnosis * NursingAssessment—History, Physical and Mental assessment * Treatment modalities and nursingmanagementofpatients withSchizophrenia,andother psychotic disorders * Geriatric considerations * Follow-upandhomecare and Rehabilitation	* Lecture discussion * Case Discussion * Case presentation * Clinical practice	* Essay Type * Short answers * Assessment of Patient management problem
VII	5	* Describe the Etiology, Psychopathology, Clinical Manifestations, Diagnosticcriteria And management Of patients with mood disorders	Nursing management of patients with mood disorders * Mood disorders: Bipolar affectivedisorder, Mania, Depression and Dysthamia etc., * Etiology, psycho-pathology, clinical manifestations, diagnosis * Nursing Assessment—History, Physical and Mental assessment * Treatmentmodalities and Nursing management of patients with	*Lecture discussion *Demonstration *Role play *Process Recording	*Essay Type * Short answers *Assess- ment of Patient manage- ment problem
			mood disorders * Geriatric considerations * Follow-up and home care and Rehabilitationmanagement of patients with mood disorders		

VIII	8	* Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with neurotic, stress related and somatization disorders	Nursing management of patients with neurotic, stress related and somatization disorders * Anxiety disorders, phobias, Dissociation and Conversion disorders, Obsessive compul sive disorders, Somatoform disorders,Posttraumaticstress disorders * Etiology, psychopathology, clinical manifestations, diagnosis * NursingAssessment—History, Physical and Mental assessment * Treatment modalities and nursingmanagementofpatients withneurotic,stressrelatedand somatization disorders * Geriatric considerations * Follow-upandhomecareand rehabilitation	discussion Ty * Case Discussion and * Case presentation Relimical practice Relimination Relimina	say rpe fort swers ssess- ent of tient anage- ent oblem
IX	5	* Describe the etiology, psychopathology, clinicalmanifestations, diagnostic-criteria and managementofpatients with substance use disorders	Nursing management of patients with substance use disorders * Commonlyusedpsychotropic substance:Classification,forms routes,action,intoxicationand withdrawal * Etiology of dependence: Tolerance, psychological and physical dependence, with- drawal syndrome, diagnosis, * Nursingassessment—History, physical, mental assessment and drug assay * Treatment (Detoxification, antabuse and narcotic antagonist therapy and harm reduction) and nursing management of patients with substance use disorders * Geriatric considerations * Follow-upandhomecare and rehabilitation	discussion Ty * Demonstration * Sh and * Role play * As * Process Recordin Pa ma me pro	say rpe fort swers ssess- ent of tient anage- ent oblem

X	4	* Describe the etiology, psychopathology, clinical manifestations, Diagnosticcriteria And management Ofpatientsincluding transgender with Personality, Sexual and Eating disorders	* Nursing management of patients with Personality, Sexual and Eating disorders * Classification of disorders * Etiology, psycho-pathology, characteristics & diagnosis * Nursingassessment—History, physical, mental assessment * Treatment modalities and nursingmanagementofpatients with Personality, Sexual and Eating disorders * Geriatric considerations * Follow-upandhomecare and rehabilitation Transgender CurriculumTransgender-Inclusive Nursing Curriculum • Harmful Psychiatry practices to LGBTQI • Mental health issues selective to LGBTQI Good mental health practices for LGBTQI		* Essay Type * Short answers * Assessment of Patient management problem
XI	6	* Describe the etiology, psychopathology, clinical Manifestations, diagnostic criteria and management of childhood and adolescent disorders including mental deficiency	Nursing management of childhood and adolescent disorders including mental deficiency * Classification: * Etiology, psycho-pathology, characteristics & diagnosis Nursingassessment—History, physical, mental and IQ assessment * Treatment modalities and nursingmanagement of childhooddisordersincludingmental deficiency * Follow-upandhomecare and rehabilitation	* Lecture discussion * Case Discussion * Case presentation * Clinical practice	* Essay Type * Short answers * Assessment of Patient manage- ment problem

XII	5	* Describe the etiology, psychopathology, clinical	Nursing management of patients with organic brain disorders * Classification: ICD	* Lecture discussion * Case Discussion * Case presentation * Clinical practice	* Essay Type * Short answers * Assessment of Patient management problem
		manifestations, diagnostic criteria and management of patients with organic brain disorders	* Etiology, psycho-pathology clinicalfeatures, diagnosis and differential diagnosis (Parkinson's and Alzheimers) * Nursingassessment—History, physical, mental and neurological assessment * Treatment modalities and nursing management of patients with organic brain disorders * Geriatric considerations * Follow-upandhome care and rehabilitation		
XIII	6	* Identify psychiatric Emergencies and carryout crisis intervention	Psychiatric emergencies and crisis intervention * Typesofpsychiatricemergencies and their management * Stressadaptationmodel:Stress andstressors,coping,resources and mechanism * Grief: Theories of grieving process,principles,techniques of counseling Types of crisis * Crisisintervention:principles, techniques and process * Geriatric considerations Role and responsibilities of nurse	* Lecture discussion * Demonstration * Practice session * Clinical practice	* Short answers * Objective type
XIV	4	* Explain legal aspects applied in mental health settings and role of the nurse	Legal issues in mental health nursing * The Mental Health Act 1987: Act,Sections,Articlesandtheir implications etc., * Indian Lunacy Act 1912 * Rights of Mentally ill clients * Forensic psychiatry * Acts related to narcotic and psychotropic substances and illegal drug trafficking * Admission and Discharge proceduresRoleandresponsibilities of nurse	* Lecture discussion * Casediscus- sion	* Short answers * Objective type

		* Describe the	Community Mental Health	*	Lecture	*	Short
		model of	Nursing		discussion		answers
		preventive	* Development of community	*	Clinical/	*	Objective
		psychiatry	mental health services		field		type
		* Describe	* National Mental Health		practice	*	Assess-
		Communitymental	Programme	*	Field		ment of
		Health services	* InstitutionalizationVersusDe		visits to		the field
		and role of the nurse	institutionalization		mental		visit
			* Model of Preventive psychia-		health ser-		reports
			try: Levels of Prevention		vice agen		
			* Mental Health Services		cies		
			available at the primary,				
XV	4		secondary, tertiary levels				
11,			including rehabilitation				
			and role of nurse				
			* Mental Health Agencies:				
			Government and Voluntary,				
			National and Inter national				
			* Mental Health Nursing issues				
			for special populations: Chil				
			dren, Adolescence, Women,				
			Elderly, Victims of violence				
			andabuse, Handicapped, HIV/				
			AIDS, etc., PalliativeCurricu-				
			lumHomecareRehabilitation				
			Palliative care				

Bibliography

Textbook:

1. Whaley & Wongs, Nursing Care of Infants & Children, Mosby, Philadelphia.

Suggested References:

- 1. Boyd (MA), Psychiatric Nursing, LWW, London, 3rd Edition, 2005.
- 2. Bhatia (MS), Essentials of Psychiatry, CBJ publishers and distributors, NewDelhi, 3rd Edition, 2000.
- 3. Sadock (BJ), Textbook of Psychiatry, LWW, Philadelphia.
- 4. Straight A's Psychiatric and Mental Health Nursing, LWW, Philadelphia.
- 5. Fortinesh (KM), Psychiatric Nursing Care, Mosby, 4th Edition, 2000.
- 6. Shives (LS), Basic Concepts of Psychiatric Mental Health Nursing LWW, Philadelphia, 7th Edition, 2005.
- 7. Mohr (WK), Psychiatric Mental Health Nursing, LWW, Philadelphia, 6th Edition, 2007.
- 8. Stuart (GW), Principles and Practice of Psychiatric Nursing, Elsevier, 8th Edition, 2005

MENTAL HEALTH NURSING – PRACTICAL

Placement: **THIRD YEAR**Time: **Practical : 270 Hrs**

Areas	Duration (in weeks	Objectives	Skills	Assignments	Assignment Method
Psychi atric OPD	5	* Assess patientswith mentalhealth problems * Observe and assist in therapies * Counseland Educate patient, and families	 * History taking * Perform mental status examination (MSE) * Assist in Psychometric assessment * Perform Neurological examination * Observe and assist in therapies * Teach patients and family Members 	* History taking and Mental status examination -2 * Health education - 1 * Observation report of OPD	* Assess performance withrating scale * Assess each skill with checklist * Evaluation of health education * Assess- ment of observa tion report * Comple tion of activity record.
Child Guid ance Clinic	1	* Assessment of children with various mentalhealth problems * Counseland Educate children, families and significant others	* History taking * Assist in psychometric assessment * Observe and assist in various therapies * Teach family and significant others	* Case work -1 * Observation report of different therapies -1	* Assess performance withrating scale * Assess each skill with checklist * Evaluation of the observation report

Inpa tient Ward	6	* Assess patientswith mentalhealth problems * To provide nursing care for patients with various mentalhealth problems * Assist in various therapies * Counsel and Educate patients, families and signifi cant others	 * History taking * Perform mental status examination (MSE) * Perform neurological examination * Assist in psychometric Assessment * Record therapeutic communication * Administer medications * AssistinElectroconvulsive Therapy (ECT) * Participate in all therapies * Prepare patients for Activities of Daily living 	* Give care to 2-3patients withvarious mental disorders * Case study -1 * Care plan— 2 * Clinical presentation -1 * Process recording 2 * Maintain drug book	* Assess performance with rating scale * Assess each skill with checklist * Evaluation of the case study Care plan, clini calpresenta tion, process recording * Comple- tion of activity record
			 (ADL) * Conduct admission and discharge counseling * Counselandteachpatients and families 		
Com munity Psychi- atry	1	* To identify patientswith Various mental disorders * To motivate patients for early treatment and follow up * To assist in follow up clinic * Counseland educate patient, family andcommunity	 * Conduct case work * Identify individuals with mental health problems * Assist in mental health camp and clinic * Counsel and Teach family members, patients and community 	* Case work -1 * Observation report on field visits	* Assess performance with rating scale * Evaluation of case work and observation report * Completion of activity record
Psychi atry Ward	2	* Provide comprehen- sive care to patients with mental health problems	Integrated Practice		* Assess clinical perfor- mance with rating scale

*BLUE PRINT OF QUESTION PAPER – MENTAL HEALTH NURSING Placement III Year B.Sc (N)

Total Marks: 75

• Each paper shall contain

• 2 Long Answer Questions (LAQ) for 10 marks 10 x 2= 20

• 7 Short Answer Questions (SAQ) for 5 marks $7 \times 5 = 35$

• 10 Very Short Answer Questions (VSAQ) for 2 marks $10 \times 2 = 20$

		Woight	Marks		owled Recal		Und	ersta	nding	App	licati	on
S.No	UNIT	Weight- age	Allot- ted	LA Q 10	SA Q 5	VSA Q2	LA Q 10	SA Q5	VSA Q2	LA Q10	SA Q5	VSA Q2
1	Unit–I Introduction	2.7%	2						1			
2	Unit II – Principles &concepts of Mental health nursing	6.7%	5					1				
3	Unit III—Assess- ment of mental health status	2.7%	2						1			
4	UnitIV—Therapeutic communication	2.7%	2	1*					1			
5	Unit-V-Treat- ment modalities & therapies used in mental disor- ders	9.3%	7			1					1	
6	Unit VI–Schizo phrenia	9.3%	7		1							1
7	Unit VII– Mood disorders	13.3%	10				1					
8	Unit VIII—Neurotic&somatization disorders	2.7%	2									1*
9	Unit IX — Substance use disorders	13.3%	10				1					
10	Unit X—personality, sexual & eating disorders	9.3%	7								1*	1

11	Unit XI – child- hood & adoles- cent disorder, Mental deficiency	2.7%	2			1				
12	Unit XII– Organ- ic brain disorder	2.7%	4	1*		1		1*		
13	Unit XIII – Psychiatric emergencies & crisis intervention	6.5%	5		1					
14	Unit XIV–Legal issues in mental health	6.7%	5				1			
15	UnitXV—Com- munity mental health nursing		5				1			
	Total		75							

^{*}Optional [units that could be considered in the consequent years]

Distribution:

Knowledge-16%

Understanding-68%

Application – 16%

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KASTURBA GANDHI NURSING COLLEGE

SRI BALAJI VIDYAPEETH, MGMC & RI CAMPUS

Pillaiyarkuppam, Pondicherry- 607 402.

III Year B.Sc (N) Degree Examination MENTAL HEALTH NURSING

Model Question Paper

Time: 3 Hrs Max Marks: 2x10=20
I. Long Answer questions (10x2=20)

- 1. a) Define Mood Disorder (2)
 - b) List out the clinical features of bipolar disorder (3)
- c) Describe nursing Management of patient with BPAD (5)
- 2. a) Define substance abuse (2)
 - b) List out the classification of psychoactive substances (3)
 - c) Explain in detail about management of patient with alcohol dependence syndrome (5)

IV. Answer any 7 of the following: (Short answer questions)

7X5 = 35

- 3. Explain the principles of Mental Health Nursing
- 4. Explain about Types of Schizophrenia
- 5. Explain behavioral therapy
- 6. Disorder of sexual preference
- 7. Difference between Anorexia Nervosa & Bulimia Nervosa
- 8. Types of Psychiatric Emergencies and its Management
- 9. Explain about Admission and Discharge Procedures
- 10. NMHP

V. Very short answer Questions:

10X2=20

- 11. Explain scope of Mental Health Nursing
- 12. Enlist the components of Mental Status Examination
- 13. Name some SSRI
- 14. List out positive & Negative Symptoms of Schizophrenia
- 15. List out the barriers of therapeutic communication
- 16. List out types of phobia
- 17. Explain DER
- 18. Define korasakoff psychosis
- 19. Name any two drug used for management of ADHD.
- 20. Define fetishism

NURSING RESEARCH AND STATISTICS

Placement: **THIRD YEAR**Time: **Theory: 45 Hrs**Time: **Practical: 45 Hrs**

Course Description: The course is designed to enable students to develop an understanding of basic concepts of research, research process and statistics. It is further, structured to conduct/ participate in need-based research studies in various settings and utilize the research findings to provide quality nursing care. The hours for practical will be utilized for conducting individual/group research project

Unit	Time (hrs)	Learning Objectives	Content	Teaching Learning Activities	Assignment Method
I	4	* Describe the concept of research, terms, need and areas of researchinnursing * Explain the steps of research process	Research and research process * Introduction and need for nursing research * Definition of Research and nursing research * Steps of scientific method -Characteristics of good research * Steps of research process overview	* Lecture Discussion * Narrate steps of research process followed from examples of published studies	* Short answers * Objective type * Assess- ment of Fieldvisit reports
II	3	* Identify and state the research problem and objectives	Research Problem/Question * Identification of problem area * Problem statement * Criteria of a good research problem * Writing objectives	* Lecture Discussion * Exercise on writing statementof problemand objectives	* Short answer* Objective type
III	3	* Review the related literature	Review of Literature * Location * Sources * Onlinesearch:CINHAL,CO-CHRANE etc * Purposes * Method of review	* Lecture Discussion * Exercise on reviewing oneresearch report/ article for a selected research problem * prepare an- notated Bibliogra- phy	* Short answer * Objective type
IV	4	* Describe the research approaches and designs	Research approaches and designs * Historical, Survey and Experimental * Qualitative and quantitative designs	* Lecture Discussion * Explain types of researchap- proaches used from	* Short answer * Objective type

V	8	* Explain the Sampling process * Describethemethods of data collection	Sampling and data collection * Definition of population, Sample, sampling criteria, factors influencing sampling process, types of sampling techniques. * Data-why, what from whom, when and where to collect * Data collection methods and instruments * Methods of data collection -Questioning, interviewing -Observations, recordanalysis and measurement * Types of instruments * Validity & Reliability of the instrument * Pilot study * Data collection procedure	examples of published and unpublished research studies with rationale * Lecture Discussion * Reading assignment onexamples of data collection tools * Preparation of sample data collection tool * Conduct group research project	* Short answer * Objective type
VI	4	Analyze, interpret and summarize the research data	* Compilation, Tabulation, classification Summarization, presentation, interpretation of data	* Lecture Discussion * Preparation of sample tables	* Short answer * Objective type
VII	15	* Explain the use of statistics, scales of measurement and graphical presentation of data * Describe the measures of central tendency and variability and methods of correlation	Introduction to Statistics * Definition, use of statistics, scales of measurement * Frequency distribution and graphical presentation of data * Mean,Median,Mode,Standard deviation * Normalprobabilityandtestsof significance * Co-efficient of correlation * Statistical packages and its application	* Lecture Discussion * Practice on graphical presentations * practice on computation of measures of central tendency, variability and correlation	* Short answer * Objective type

VIII	4	* Communicate	Communication and utilization	* Lecture	* Short
		and utilize the	of Research	Discussion	answer
		research findings	* Communication of research	* Read/ pre-	* Objective
			findings	sentation of	type
			* Verbal report	samplepub-	* Oral
			* Writing research report	lished/	presenta-
			* Writingscientificarticle/paper	unpublished	tion
			* Critical review of published	research	* Assess-
			research	report	ment of
			* Utilizationofresearchfindings	* Writing	group
				group	research
				research	
				project	project

Bibliography:

Textbook:

1. Mahajan (BK), Methods in Biostatistics, Jaypee, 6th Edition.

Suggested Reference:

- 1. Rao (S), Introduction to Biostatistics & Research methods, Riachard, 4th Edition.
- 2. Rao (V), A manual of Statistical and Anthropology, Jaypee, 2nd Edition.
- 3. Norman, Biostatistics, B.C Decker, 2nd Edition.
- 4. Rao, Applied Statistics in Health Sciences, Jaypee.
- 5. Neg (KS), Biostatistics, AITBS.

BLUE PRINT OF QUESTION PAPER - NURSING RESEARCH

Placement III Year B.Sc (N)

Total Marks: 50

• Each paper shall contain

• 6 Short Answer Questions (SAQ) for 5 marks

 $6 \times 5 = 30$

• 10 Very Short Answer Questions (VSAQ) for 2 marks

 $10 \times 2 = 20$

				Know	vledge	/ Recall	Un	derstan	ding	Application		on
Sl.No	Unit	Weightage	Marks Allotted	LAQ (10)	SAQ (5)	VSAQ (2)	LAQ (10)	SAQ (5)	VSAQ (2)	LAQ (10)	SAQ (5)	VSAQ (2)
1	Unit – I Research & research process	14%	7			1		1				
2	Unit II – Research problems/ Questions	14%	7		1				1			
3	Unit III – Review of literature	22%	11			1		1	2			
4	Unit IV – Research approach & design	18%	9					1	1			1
5	Unit – V –sampling & data collection	24%	12					2				1
6	Unit VI - Analysis of data	00/	4						1			
7	Unit VIII - communication of research finding	nmunication of research finding 8%	4					1*	1			
	Total	100%	50									

^{*}Optional Question

KASTURBA GANDHI NURSING COLLEGE

SRI BALAJI VIDYAPEETH, MGMC & RI CAMPUS Pillaiyarkuppam, Pondicherry- 607 402.

NURSING RESEARCH

Section - A

Time: 3 Hrs Max Marks: 50

- I. Short answer questions: (any 6) 6X5=30
 - 1. Explain the need for doing research in Nursing
 - 2. Explain the criteria of a good research problem.
 - 3. List out the purposes of writing the review of literature
 - 4. Explain the types of experimental research design.
 - 5. Describe the non-probability sampling techniques.
 - 6. Discuss the types of questions that can be used for data collection with examples.
 - 7. Explain the steps in writing a research report.

II. Very short answer Questions:

10X2=20

- 8. List the purposes of Nursing Research.
- 9. Frame Research Objectives for the study titled effect of relaxation therapy for labor pain among primi mothers
- 10. Mention the sources of literature review.
- 11. Differentiate quantitative and qualitative research with examples.
- 12.A study to assess the knowledge on dengue fever among III year B.Sc (N) student in KGNC.
- 13.Identify the research design.
- 14. Define reliability & validity
- 15. State the purposes of communicating research finding.
- 16. Identify the type of design which starts with a presumed cause and goes forward to the presumed effect and give an example for it.
- 17. Identify the sampling method which involves the selection of every 10th person on a patient list. Give an example

BLUE PRINT OF QUESTION PAPER – BIO-STATISTICS

III - B.Sc(Nursing)

Total Marks: 35

• Each paper shall contain

• 3 Short Answer Questions (SAQ) for 5 Marks 3 x 5 = 15

• 10 Very Short Answer Questions (VSAQ) for 2 Marks 10x2 = 20

Sl		Weighte	Mark	Knov	wledge ll	e/Reca	Understanding Application			tion		
N o	Unit	Weighta ge	s Allott ed	LQ A (10)	SA Q (5)	VSA Q (2)	LQ A (10)	SA Q (5)	VSA Q (2)	LQ A (10)	SA Q (5)	VSA Q (2)
1	Unit VI - Analysis of Data	30%	11					1+1	3			
2	Unit VII - Introducti on to Statistics	70%	24			2		1	5		1	1*
Total		100%	35			2		2	8		1	

^{*} Choice Question could be taken from that unit.

BIO-STATISTICS MODEL QUESTION PAPER

III - B.Sc(Nursing)

MAX MARKS: 25

3X5=15

Short answer questions (any 3)

I.

1.	Explain cla	assificati	ons of	data						
2.	Construct	a freque	ncy ta	ble for	the foll	owing	data:			
	1 5	1	3	2	4	0	1	4	2	3
	3	2	2	3						
3.	Draw a Hi	stogram	and f	requenc	y polyg	gon for	the follov	ving d	lata:	
	Hb	4-6		6-8	8-	10	10-12	12	2-14	14-16
	No of Patients	5		12	7	7	5		3	1
4.	Short note	on Corr	elatio	n	<u> </u>					
V	ery short an	swer que	estions	S					5X2	=10
1.	Types of d	ata								
2.	Importanc	e of Tab	ulatio	n						
3.	Merits of p	resentat	ion							
4.	Frequency	curve								
5.	Find out M	Iedian:	22	27	25	26	28	29	24	

IV YEAR MIDWIFERY AND OBSTETRICAL NURSING

Theory: 90 Hrs

Placement: Fourth Year Practical: 360 Hrs

Course Description: This course is designed for students to appreciate the concepts and principles of midwifery and obstetrical nursing. It helps them to acquire knowledge and skills in rendering nursing care to normal and high-risk pregnant women during antenatal, natal and postnatal periods in hospitals and community settings. It also helps to develop skills in managing normal and high-risk neonates and participate in family welfare programme.

Unit	Time (hrs)	Learning Objectives	Content	Teaching Learning Activities	Assignment Method
I	3	- Recognize the trends and issues in midwifery and obstetrical nursing	Introduction to midwifery and obstetrical Nursing * Introduction to concepts of midwifery and obstetrical nursing Trends in midwifery and obstetrical nursing Historical perspectives and current trends Legal and ethical aspects Pre-conception care and preparing for parenthood Role of nurse in midwifery and obstetrical care National policy and legislation in relation to maternal health and welfare Maternal, morbidity, mortality and fertility rates Perinatal, morbidity and mortality rates	* Lecture, Discussion * Explain using charts and graphs	* Short answers * Objective Type
II	8	* Describe the anatomy and physiology of female reproductive system	Review of anatomy and Physiology of female reproductive system and fetal development * Female pelvis-general description of the bones, joints, ligaments, planes of the pelvis diameters of the true pelvis, important landmarks, variations in pelvis shapes Female organs of reproduction external genetalia, internal genital organs and their anatomical relations, Musculature - blood supply, nerves, lymphatic's, pelvic cellular tissue, pelvic peritoneum.	* Lecture, Discussion * Review with charts and models	* Short answers * Objective Type

			Physiology of menstrual cycle Human sexuality Fetal development Conception Review of fertilization, implantation (embed ding of theovum), development of the embryo and placenta at term-functions, abnormalities, the fetal sac, amniotic fluid, the umbilical cord Fetal circulation, fetal skull, bones, sutures and Measurements. Review of genetics		
III	8	* Describe the diagnosis and management of women during antenatal period	Assessment and management of pregnancy(ante-natal) Normal pregnancy Physiological changes during pregnancy Reproductive system Cardio vascular system Respiratory system Urinary system Gastro intestinal system Metabolic changes Skeletal changes Endocrine system Psychological changes Discomforts of pregnancy Diagnosis of pregnancy signs * Differential diagnosis Confirmatory tests Ante-natal care * Objectives * assessment Historyandphysicalexamination Antenatal examination Signs of previous child-birth Relationship of fetus to uterus andpelvis:lie,attitude,presentation,	Lecture discussions Demonstration Case discussion/ presentation Health talk Practicesession Counseling session Supervised clinical practice	* Short answers * Objective type * Assess- ment of skills with checklist * Assess- ment of patient manage- ment problems * Essaytype * Short answers * Objective type * Assess- ment of skills with check list * Assess- ment of patient manage- ment problems

IV	12	Describe the	Per vaginal Examination Screening and assessment for high risk Risk approach Historyandphysicalexamination Modalitiesofdiagnosis,invasive and non-invasive, ultrasonic's, cardio tomography, NST, CST Antenatal preparation * Antenatal counseling * Antenatal exercise * Diet * Substance use * Education for child birth * HusbandandfamiliesPreparation for safe confinement * Prevention from radiation Psychosocialculturalaspectsof pregnancy * Adjustment to pregnancy * Unwed mother * Single parent * Teen age pregnancy * Sexual violence Adoption Assessment and management of	* Lecture,
		physiology and stages of labour. Describe the management of women during intranatal period	intranatal period * Physiology of labour, mechanism of labour * Management of Labour * First stage * Signs and symptoms of onset * of labour; * normal and abnormal * Duration * Preparation of labour room * women * Assessmentandobservationof * women in labour; partogram- * maternal and fetal monitoring * Activemanagementoflabour, * induction of labour * Pain relief and comfort in labour * Second stage * Signs and symptoms, normal and abnormal * Duration	Discussion * Demonstration * Case discussion / Presentation * Simulated Practice * Supervised Clinical Practice

			* Conductofdelivery; principles * and techniques * Episiotomy(only if required) * Receiving the newborn * Neonatalresuscitation; initial * steps and subsequent * resuscitation * Care of umbilical cord * Immediate assessment * including * screening for congenital * anomalies * Identification * Bonding * Initiate feeding * Screeningandtransportationof the neonate * Third stage * Signs and symptoms normal and abnormal * Duration * Methodsofplacentalexpulsion * Management—principlesand techniques * Examination of placenta * Examination of perineum * Maintain records and reports * Fourth stage		
V	5	* Describe the physiology of pureperium * Description the management of women during postnatal period * Describe the assessment and management of	Assessment and management of women during postnatal period * Normal pureperium; physiology Duration * Postnatal assessment and management * Promoting physical and emotional well-being * Lactation management * Immunization * Family dynamics after child- birth * Family welfare services; methods, counseling * Follow-up * Records and reports	Lecture discussion * Demonstration * Health talk * Practice Session * Supervised Clinical practice Lecture discussion * Demonstration	Essay type * Short answers * Objective type * Assess- ment of skills with check list * Assess- ment of patient manage- ment problems Essaytype * Short

VI	6	Normal Neonate	Assessment and management of	*PracticeSes-	answers
			normal neonates –Normal Neonate; Physiological	sion * Supervised	* Objective type
			adaptation, Initial and daily	Clinical	* Assess-
			assessment Essential newborn	Practice	ment of skills with
			care; thermal control Breast feeding, preventionofinfections		check list
			* Immunizationminordisorders		* Assess-
			of newborn and its manage		ment
			ment - Levels of neonatal care		of patient
			(level I,II,&III)		management
			* At primary, secondary and tertiary levels -Maintenance		problems
			of reports and records		
VII	10	* Describe the	High – risk pregnancy-	* Lecture	* Essaytype
1 11		Identification	assessment and management	discussion	* Short
		and	* Screening and assessment	* Demonstra-	answers
		management of	* Ultrasonics, cardiotomogra-	tion using	* Objective
		women with high	phy,NST,CST,non-invasive	video films,	type
		risk pregnancy	and invasiveNewermodalitiesofdiagnosis	scanreports, partograph	* Assess- ment
			* high- risk approach	etc	of skills
			* Levels of care; primary,	* casediscus-	withcheck
			secondary and tertiary levels	sion/ pre-	list
			* Disorders of pregnancy	sentation	* Assess-
			* Hyper-emesis gravidarum,	* Healthtalk- Practice	ment of patient
			bleeding in early pregnancy,	Session	of patient manage-
			abortion, ectopic * Pregnancy, vesicular mole,	* Supervised	ment
			* Antepartum hemorrhage	Clinical	problems
			Uterine abnormality and	practice	
			displacementDiseasescompli-		
			cating pregnancy		
			* Medicalandsurgicalconditions * Infections, RTI (STD),UTI,		
			HIV,TORCH		
			* Gynecological diseases		
			complicating pregnancy		
			* pregnancy induced		
			hypertension and		
			Diabetes ,Toxemia of pregnancy, hydramnios		
			* Rh incompatibility		
			* Mental disorders		
			*Adolescentpregnancy, Elderly		
			primi and grand multipara		
			* Multiple pregnancy		
			* Abnormalities of placenta and cord		
			0014		

			* Intra-uterinegrowth-retardation * Nursing management of mothers with high-risk pregnancymaintenanceofre- cordsandreportPalliativeCur- riculumPalliativecareinBOH (Bad Obstetrical History)		
VIII	10	 Describe management of abnormal labour and Obstetrical Emergencies 	Abnormal labour-assessment and management Disorders in labour CPD and contracted pelvis Malpositions and malpresentations Prematurelabour, disordersof uterineactions-precipitatela- bour, prolonged labour Complications of third stage: injuries to birth canal Obstetrical emergencies and their management; presentation and prolapsed of cord, vasa praevia, amniotic fluid embolism, rupture of the uterus, shoulder dystocia, obstetrical shock Obstetrical procedures and operations Induction of labour, forceps, vacuum version, manual re- moval of placenta, caesarean section, destructive operations Nursing management of womenundergoing obstetrical operations and procedures Advanced life support in Ob- stetrics	Lecture dis cussion * Demonstration * case discussion/ presentation-Health talkPractice Session * Supervised Clinical practice	Essay type * Short answers * Objective type * Assess- ment of skills with check list -Assess- ment of patient manage- ment problems
IX	4	* Describe management of postnatal complications	Abnormalities during postnatal Periods * Assessment and management of women with postnatal complications -Puerperal infections, Breastengorgement &infections, UTI, Thrombo-Embolicdisorders, post-partum hemorrhage, Eclampsia and subinvulations * Psychological complications: Postpartum blues Post-partum depression Post-partum psychosis	* Demonstration * Casediscussion/ presentation * Supervised clinical practice	* Objective type * Assess- ment of skills with check list * Assess- ment of patient manage- ment problems

X	10	Identify the risk neonates and their nursing managment	Assessment and management of High-risk newborn * Admission of neonates in the Neonatal intensive care units' protocols * Nursing management of: * Low birth weight babies * Infections * Respiratory problems * Haemolytic disorders * Birth injuries * malformations * Monitoring highriskneonates * Feeding of high risk neonates * organizationandmanagement ofneonatalintensivecareunits * infection control in neonatal intensive care units * maintenance of reports and Records	Lecture dis cussion Demonstration * Practice Session * case discussion/ presentation * Supervised Clinical Practice	Essay type Short answers * Objective type- Assessment of skills withcheck List Assessment * of patient manage ment problems
XI	4	* Describe indication, dosage, action, side effects and nursesresponsibilities in the administration of drugs used for mothers	* Pharmaco – therapeutics in obstetrics -Indication,dosage, action, contraindication and side effects of drugs * Effect of drugs on pregnancy, labour and puerperium * Nursing responsibilities in the administration of drugs in obstetrics oxytocin, antihypertensive, diuretics, tocolytic agents ,anticonvulsants; * Analgesics and anesthetics in obstetrics * Effectsofmaternalmedication on foetus and neonate	Lecture discussion * Drug book * Drug presentation Lecture discussion DemonstrationPractice Session * Supervised practice * Group project * Counseling session * Field visit	* Short answers * Objective Type Essaytype * Short
XII	10	* Describe the methods of contraception among all genders * Appreciate the importance of family welfare programme * role of nurse in family welfare programme. * Describe the Assistedreproductive techniquesadopted amongtransgender	Family welfare programme * Populationtrendsandproblem in India concepts, aims, im- portance and history of family welfare programme * Nationalpopulation:dynamics, policy and education * National family welfare programme; RCH, ICDS, MCH, safe motherhood		answers * Objective type * Assess- ment of skills withcheck list, proj- ect and field visits reports

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MIDWIFERY AND OBSTETRICAL NURSING-PRACTICAL

Placement: FOURTH YEAR Practical:360 Hrs

Areas	Duration (in weeks	Objectives	Skills	Assignments	Assignment Method
Antenatal clinic/OPD	5	Assessment of pregnant women	 * Antenatal History Taking * Physical examination * Recording of weight& B.P * Hb&Urinetestingforsugar and albumin * Antenatal examination – abdomen and breast * Immunization * Assessment of risk status * Teachingantenatalmothers * Maintenance of antenatal records 	Conductante- natalexami- nations -30 Healthtalk- 1 Case book recordings	 verification of findings of Antenatal examinations Completion of case book recordings
Labour Room/ OT	4	* Assess women In labour- Carry out per-vaginal examinations * Conduct Normal deliveries- Performepi- siotomy and suture it- Resus- citate new- borns-Assist withCaesar- eansections, MTP and other surgi cal proce dures	* Assessment of women in labour * Pervaginal examinations and interpretation * Monitoring and caring of women in labour * maintenanceofpartograph * Conduct normal delivery * Newborn assessment and immediate care * Resuscitation of newborns * Assessment of risk status of newborn * Episiotomy and suturing * Maintenanceoflabourand birth records * Arrange for and assist with caesarean section and care forwomenandbabyduring caesarean * Arrange for and assist with MTP and other surgical procedures	* Conduct normal deliver- ies-20 * Pervaginal examina- tions-5 * Performand suture the episioto- mies-5 * resuscitate newborns-5 * Assist with caesarean sections-2 * Witness abnormal deliveries-5 * Assist with MTP and other surgical proce- dures-1 * Case book recordings	Assessment of clinical perfor- mance with rating scale * Assess ment of each skill with checklists * Complic ation of case book recordings

Postna- tal ward	4	* Provide nursing care to postnatal mother and baby * Counsel and teachmother and family for parent hood	* Examination and assessment of mother and Baby * Identificationofdeviations * Care of postnatal mother and Baby * Perineal care -Lactation management * Breast feeding * Baby bath * Immunization * Teachingpostnatalmother: * Mother craft * Postnatal care & * Exercises * Immunization	*	Givecareto postnatal mothers-20 Health talks-1 Case study-1- Case presentation-1 Case book Recordings	Assessment of clinical perfor- mance with rating scale * Assess- ment of each skill with checklists * Complica- tionofcase book Recordings Evaluation of case study and presenta- tion and health education sessions
New- born Nursery	2	-Provide nursing care to newborn at risk	 * Newborn assessment * Admission of neonates * Feeding of at risk neonates * Katorispoon,paladin,tube feeding, total parenteral nutrition * Thermal management-kangaroomothercare,care of baby in incubator * Monitoring and care of neonates * Administeringmedications * Intravenous therapy * Assisting with diagnostic procedure -Assisting with exchange transfusion * Care of the baby on Ventilator * Phototherapy * Infectioncontrolprotocols in the nursery * Teaching and counseling of parents * Maintenance of neonatal records 	*	Case study-1 Observation study-1	Assessment of clinical perfor- mance with rating scale * Assess- ment of each skill with checklists * Complica- tionofcase book recordings

Family Plan- ning Clinic	Rotation from post natal ward 1 wk	* Counsel for and provide family welfare services	* Counseling technique * Insertion of IUD * Teaching on use of family planning methods * Arrange for and Assist with family planning operations * maintenance of records and reports	Observation study-1 Counseling- 2 Simulation exercise on recording and	Assessment of each skill with checklists * Evaluation of and ob- servation study
				reporting-1	

BLUE PRINT OF QUESTION PAPER – Midwifery and Obstetrical Nursing

Placement: IV Year B.Sc (N)

Total Marks: 75

• Each paper shall contain

• 2 Long Answer Questions (LAQ) for 10 marks $2 \times 10 = 20$

• 7 Short Answer Questions in 8 (SAQ) for 5 marks $7 \times 5 = 35$

• 10 Very Short Answer Questions (VSAQ) for 2 marks $10 \times 2 = 20$

		Weight age	Marks Allotted	Kno	wledge/ R	ecall	Understanding			Application		
Sl. No	Unit			LAQ (10)	SAQ(5)	VSAQ (2)	LAQ (10)	SAQ (5)	VSAQ (2)	LAQ (10)	SAQ (5)	VSAQ (2)
1	Unit I – Introduction	2.66%	2			1						
2	Unit II - Review of anatomy & physiology of female reproductive system & fetal development	5.33%	4			1						1
3	Unit III – Assessment & management of pregnancy (ante – natal)	13.33%	10				1					
4	Unit IV – Assessment & management of intra-natal period	12%	9					1	1			1
5	Unit V - Assessment & management of women during post natal period	6.66%	5					1				
6	Unit VI - Assessment & management of normal neonates	2.66%	2			1						
7	Unit VII – High- risk pregnancy – assessment & management	13.33%	10				1					
8	Unit VIII- Abnormal Labour- assessment & management	16%	12					1	1		1	
9	Unit IX – Abnormalities during postnatal periods	9.33%	7		1			1*				1
10	Unit X- Assessment & management of high risk newborn	2.66%	2			1						

11	Unit XI – Pharmaco- therapeutics in obstetrics	6.66%	5	1					
12	Unit XII – Family welfare programme	9.33%	7			1	1		
Total		100%	75						

PARTIE WITH DEDICATE

KASTURBA GANDHI NURSING COLLEGE

SRI BALAJI VIDYAPEETH, MGMC & RI CAMPUS

Pillaiyarkuppam, Pondicherry- 607 402.

IV Year B.Sc (N) Degree Examination Midwifery and Obstetrical Nursing

Model Question Paper

Time: 3 Hrs Max Marks: 75

I. Answer in Detail: 10X2=20

- 1. a) Define antenatal care (2)
 - b) List out the objectives of antenatal care (3)
 - c) As a nurse formulate antenatal care plan to a gravid mother labour (5)
- 2. a) Define Ante Partum Haemorrhage (2)
 - b) Classify the types of Placenta Previa (3) Identify the features of placental separation (3)
 - c) Demonstrate the care required to a mother with Placenta Previa (5) Justify the mechanism of bleeding control on placental separation & the immediate postnatal care (5)

II. Short answer questions: (Any 7)

7X5 = 35

- 3. Specify the fetal circulation
- 4. Identify the stages of normal labour
- 5. Explain the physiology of puerperium
- 6. Name the uterotonic agents and its effect
- 7. List down the types of perineal tear
- 8. Write about the psychological complications & its management during puerperium
- 9. Explain asphyxia neonatarum in newborn
- 10. List down the activities of RCH programme.

III. Very short answer Questions:

10X2=20

- 11. List down the direct causes of MMR
- 12. Name the pelvic ligaments
- 13. List out the placental abnormalities
- 14. Name the parameters used in bishops score
- 15. Define involution
- 16. Sate the composition of breast milk
- 17. Define contracted pelvis
- 18. List intrapartum causes of Peurperal Sepsis
- 19. Define low birth weight babies
- 20. Classify the types of barrier methods of contraception

COMMUNITY HEALTH NURSING – II

Placement: Fourth Year Time: Theory: 90 Hrs
Time: Theory: 135 Hrs

Placement: Fourth Year Practical: 360 Hrs

Course Description: This course is designed for students to practice community health nursing for the individual, family and groups at both urban and rural settings by using concept and principles of health and community health nursing.

Unit	Time (hrs)	Learning Objectives	Content	Teaching Learning Activities	Assignment Method
I	5	* Define concepts, scope, principles and historical development of communityHealth and community health Nursing	Introduction * Definition, concept &scope of community Health and Community Health Nursing * Historical development of Community health Community health Nursing. * Pre - independence * Post-independence	Lecture Discussion	* Essay type * Short answers
II	10	* Describe health plans, policies, various health committees and health problems	Health planning and policies and problems * National health planning in India * Five Year Plans * Various committees and commissions on health and familywelfare Centralcouncil for health and family welfare (CCHandFW)Nationalhealth policies (1983, 2002) * National population policy women and child welfare Health problems in India	Lecture discussion Panel discussion	* Essay type * Short answers Essay type Short answers
III	23	Describe the system of delivery of communityhealth services in rural and urban areas * List the functions of various levels and their staffing patternExplainthe components of health services Describe	Delivery of community health services * Planning, budgeting and material management of SCs, PHC and, CHC Rural: Organization, staffing And functions of rural health services provided by governmentat: Village Subcentre Primary health center / sub divisional Hospitals District State Centre	Lecture discussion Visits to various healthdelivery systems Supervised field practice Panel discussion	

		health services Describe alternative systems of health Promotion and health maintenance Describe the chain of referral system	Urban: Organization, staffing and functions of urban health services provided by government at: Slums Dispensaries Maternalandchildhealthcenters Special Clinics Hospitals Corporation / Municipality / Board * Componentsofhealthservices * Environmental sanitation * Health education * Vital statistics * M.C.H – antenatal, natal, postnataMTPAct, female focticide act, child adoption act * Family Welfare * National health programmes * School health services * Occupational health * Defence services * Systems of Medicine and health care Allopathy * IndianSystemofMedicineand * Homeopathy		
IV	25	* Describe Community Health Nursing approaches and concepts * Describe the roles and responsibilities of Community Health Nursing Personnel	* Homeopathy * Alternativehealthcaresystems like yoga, meditation, social and spiritual healing etc. Referral system Community health nursing approaches, concepts and roles and responsibilities of nursing personnel. * Approaches * Nursing theories and Nursing process * Epidemiological approach * Problem solving approach * Evidence based approach * Empoweringpeopletocarefor themselves * Concepts of Primary Health Care: * Equitable distribution * Community participation * Focus on prevention * Useofappropriatetechnology * Multi-sectoral approach * Roles and responsibilities of Comm-unity health nursing personnel in	* Lecture discussion Demonstration * Practice session Supervised field practice * Participation in camps Group Project	* Essay type * Short * Answers

			* Information Education * Communication (IEC) * Management information (MIS):MaintenanceofRecords & Reports * Training and supervision of various categories of health workers * NationalHealthProgrammes * Environmental sanitation * MaternalandChildhealthand Family welfare * Treatment of minor ailments * School Health Services * Occupational Health * Organizationofclinics,camps: Types,Preparation,Planning, conduct and evaluation * Waste management in the center, clinics etc., * Home visit: Concept, Principles & process Techniques: Bag technique home visit * QualitiesofCommunityHealth Nurse * JobdescriptionofCommunity health nursing personnel		
V	15	* Describe and appreciate the activities of community health nurse in assisting individuals groups communities including transgender to promote and maintain their health	Assisting individuals and groups to promote and maintain their health. Empowerment for self care of individual,familiesandgroupsin Assessment of self and family Monitoring growth and development * Mile stones * Weight measurement * Social development * Temperature and Blood pressure monitoring * Menstrual cycle * Breast self examination and testicles * Warning signs of various diseases * Tests: Urine for sugar and albumin, blood sugar	* Lecture discussion * DemonstrationPractice session * Supervised field practice * Individual/ group /family/ Community health education.	* Essay type * Short * Answers

	Seek health services for
	Routine checkup
	Immunization
	Counseling
	Diagnosis
	Treatment
	Follow up
	C.MaintenanceofHealthrecords
	for self and family
	D. Continue medical care and
	follow up in community for
	variousdiseasesanddisabilities
	E. Carryout therapeutic proce-
	dures as prescribed/required
	for self and family
	F. Waste Management
	Collection and disposal of waste
	at home and community
	G. Sensitize and handle social
	issues affecting health and
	development for self and family
	* Women Empowerment
	* Women and child abuse
	* Abuse of elders
	* Female Foeticide
	* Commercial sex workers
	* Food adulteration
	* Substance abuse
	H.Utilizecommunityresources for self and family
	- I
	* Trauma services * Old age homes
	Old age nomes
	Orphanage
	* Homes for physically and
	mentallychallengedindividuals
	* Homes for destitute Palliative
	Curriculum Palliative care in
	Rehabilitation Transgender
	Curriculum Transgender
	-InclusiveNursingCurriculum
	Determinants of health:
	* Transgender culture, taboos,
	family structure, spirituality,
	education,occupation,econom-
	ical status, demographics
	LGBT lifestyle, sexual life
	Workplace and LGBTQI

T 7T	20	* D 1 1	NI-4:11141169	ψ τ	ψ Γ
VI	20	* Describe and	National health and family	* Lecture	* Essay
		National health	welfare programmes and the	discussion	type
		and family welfare			* short
		Programmes and	1) National ARI Programme		Answers
		role of a nurse	2)RevisedNationalTuberculosis		
		* Describe the vari-	Controll Togramme(Ta (TCT)		
		oushealthschemes	3) National Anti-Malaria Pro		
		in India	gramme		
			4) National Filaria control		
			programme		
			5) National Guinea worm		
			eradication programme		
			6) National Leprosyeradication		
			Programme		
			7) National AIDS control		
			programme		
			8) STD control programme		
			9) National programme for		
			control ofblindness		
			10) Iodine deficiency disorder		
			programme		
			11) Expanded programme on		
			immunization		
			12) National Family Welfare		
			Programme – RCH Pro		
			gramme historical		
			develop-ment, organization,		
			administration, Research,		
			constraints		
			13) National water supply and		
			sanitation programme		
			14)MinimumNeedprogramme		
			15) National Diabetics control		
			programme		
			16) Polio Eradication : Pulse		
			Polio Programme		
			17) National cancer control		
			Programme		
			18) YawsEradicationProgram		
			me		
			19)NationalNutritionalAnemia		
			prophylaxis programme		
			20) 20 point programme		
			21) ICDS programme		
			22) Mid-day meal applied		
			nutritional programme		
			23) National mental health		
			programme Helath		
			* ESI		
			* CGHS		
			* Health insurance		

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Textbook:

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COMMUNITY HEALTH NURSING-II - PRACTICAL

Placement : FOURTH YEAR Time : Practical 135 Hrs
Internship – 195 Hours

			Internship – 195 Hou					
Unit	Time (hrs)	Objectives	Content	Assignments	Assignment Method			
Com mu-	5 Hrs	Identify Community	* Community health survey* Community diagnosis	* Community survey	Assess clinical			
nity		profile	* Familycare:Homeadapta-	report – 1	performance			
Hea		* Identify	tionofcommonprocedures	* Family care	with rating			
lth		prevalent	Home visit: Bagtechnique	study – 1	scale			
nurs		communica-	* Organizeandconductclin-	* Project-1	* Evaluation			
ing		ble and non	ics antenatal, post natal,	* Health talk	ofcommu-			
		communica-	wellbabyclinic,campsetc.	- 1	nitysurvey			
		ble diseases	* Screen manage and refer-	* Case book	report,			
		* Diagnose	ralsfor:oHighriskmothers	* recording	familycare			
		health needs	and neonates	C	study,			
		of Individu-	* Accidentsandemergencies		projectand			
		al, families	* Illnesses : Physical and		health talk			
		and	mental		Comple-			
		community	* Disabilities		tion of			
		* Plan,provide	* Conductdeliveryatcentre/		case book			
		and evaluate	home : episiotomy and		recording			
		care	Suturing					
		* Participatein	* Resuscitate newborn					
		schoolhealth	* SchoolHealthProgramme					
		program * Participatein	* Screen,manage,referchil-					
		* Participatein National	dren					
		health	* Collaboratewithhealthand					
		programmes	allied Agencies					
		* Organize	* Train and Supervise health workers					
		group for						
		self helpand	* Provide family welfare services					
		involve cli-	* insertion of IUD					
		ents in their	* Counsel and teach					
		own health	individual, family and					
		activities	community about :					
		* Provide	HIV, TB, Diabetes,					
		family Wel-	hypertension, Mental					
		fare services	health, adolescents,					
		* Counsel and	elderly's health, physically					
		Educate	and mentally challenged					
		Individual,	individuals etc.					
		family and	* Collect and Calculate Vital					
		* CollectVital	healthstatisticsDocument					
		* CollectVital health	and maintain Individual					
		statistics	family and administra-					
		* Maintain	tive records. Write reports					
		Records &	-centre ,disease ,national					
		Reports	healthprogramme/projects					
		Reports						

Areas	Duration (in weeks)	Objectives	Skills	Assessment
Urban	4Weeks	Provide comprehensive care to individual, family and community	* Integrated Practice and group project 1 in each rural and urban	Assess clinical Performance with rating scale * Evaluation of project

Note:

During the rural posting they should stay in health centers under the supervision of teachers.

Total Marks: 75

Each paper shall contain

7 Short Answer Questions in 8 (SAQ) for 5 marks 2 Long Answer Questions (LAQ) for 10 marks

10 Very Short Answer Questions (VSAQ) for 2 marks

 $7 \times 5 =$ $2 \times 10 = 20$ $10 \times 2 =$ 35

	S.N	Unit	Weight	Marks Allotted	Knov	wledge /	Recall	Une	derstan	ding	A	pplicat	ion
			age	Anotted	LAQ (10)	SAQ (5)	VSAQ (2)	LAQ (10)	SAQ (5)	VSAQ (2)	LAQ (10)	SAQ (5)	VSAQ (2)
,	1	Unit-I Introduction	9.3	7		1				1			
	2	Unit-II Health planning & Policies & Problems	9.3	7					1				1
	3	Unit-III Delivery of Community	31	23			1	1	1	1			2
	4	Unit-IV Community health nursing approaches, concepts & role & responsibilities of nursing personnel health service	20	15				1	1*			1	
	5	Unit-V Assisting individual & groups to promote & maintain their health	5	4			1			1			
	6	Unit-VI National health & family welfare programme & the role of nurse	16	12		1	1		1				
	7	Unit-VII Health agencies	9.3	7			1		1				
		Total	100%	75									

*Optional (Units that could be considered in the consequent years)

#Choice Question to be taken from that unit.

STATUS WITH DESIGNATION

KASTURBA GANDHI NURSING COLLEGE

SRI BALAJI VIDYAPEETH, MGMC & RI CAMPUS

Pillaiyarkuppam, Pondicherry- 607 402.

IV YEAR B. Sc (N) DEGREE EXAMINATION COMMUNITY HEALTH NURSING

Time: 3 Hrs Max Marks: 75

I. Long Answer Questions:

(2x10=20)

- 1. a, Define Health Care Delivery System.(2)
 - b, Write in detail about Health Care Delivery System in India.(8)
- 2.a. Define School Health.(2)
- b. Explain the role of nurse in School Health Programme.(8)

II. Short Answer Questions: (Any 7)

(7x5=35)

- 3. Explain about Qualities of Community Health Nurse.
- 4. Principles of Community Health Nurse.
- 5. Explain about Principles and Steps in Home visit.
- 6. National Population Policy.
- 7. Explain about MTP Act.
- 8. Explain about UNICEF.
- 9. Describe about ESI Scheme.
- 10. Explain about DOTS.

III. Very Short Answer Questions:

(10x2=20)

- 11. List down the functions of WHO.
- 12. Define Community Health Nursing.
- 13. Enlist the Components of RCH Programme.
- 14. Define Female Foeticide
- 15. Mention any four preventive aspects of Child abuse.
- 16. State any two system of alternative health care system.
- 17. Enlist any four Nutritional problems existing in India.
- 18. Define Vital statistics.
- 19. Define Primary health care.
- 20. Define Referral system.

Integration of Middle-Level Health Provider (MLHP) in B.Sc Nursing Curriculum

The following topics to be incorporated in the Community Health Nursing subject of B.Sc Nursing Syllabus and also in Post Basic B.Sc Nursing:-

- 1. Roles and responsibilities of Mid-Level Healthcare Providers (MLHP)
- 2. New national health programmes
- 3. AYUSHMAN BHARAT- The up gradation of sub-centers into of health and wellness centers, Concept of Comprehensive primary health care and key elements of CPHC, Service delivery and continuum of care and Roles of Mid-level health care providers(MLHP)
- 4. Diagnosing and treatment skills essential at sub-centre level using Standard treatment protocols as per national health programmes
- 5, Introduction to Rashtriya Bal Sureksha Karyakaram (RBSK)
- 6. Social mobilization skills
- 7. Drug dispensing
- 8. Programme management including supervision and monitoring
- 9. Investigation of an outbreak
- 10. Behavior change communication and soft skills
- 11. Integrated Disease Surveillance Project (IDSP)
- 12. Mother and Child Tracking System (MCTS)
- 13. Chikungunya
- 14. Organization of labour room
- 15. Safe child birth checklist
- 16. Postpartum visits by health workers
- 17. Family planning 2020
- 18. National family planning programmes
- 19. Food born diseases

Following topics to be reviewed:-

- 1. Health planning and health care delivery system in India (IPHS guidelines)
- 2. Health Management Information System(HMIS)
- 3. Electronic Medical Records(EMR)
- 4. Micro birth planning
- 5. Adolescent counseling
- 6. Sources of vital statistics

- 7. Financial Management, Accounts and Computing at Sub Centre
- 8. Mental health act, drug de-addiction programmes
- 9. Time trends in disease occurrence in epidemiology
- 10. Infant and young child feeding and counseling
- 11. Nutrition across life cycle and update on national nutritional programmes
- 12. Use of Equipment
- 13. Throat problems and febrile seizure in children
- 14. Transportation of baby and common accidents and mishaps in labour room
- 15. Counselling-GATHER Approach
- 16. Update biomedical waste management by specifying biomedical waste management rules 2016
- 17. Suturing of superficial wounds
- 18. Postpartum Intra Uterine Contraceptive Device (PPIUCD)
- 19. All the national health programmes on Communicable, non communicable

MANAGEMENT OF NURSING SERVICES AND EDUCATION

Placement: Fourth Year Time: Theory: 90 Hrs

Course Description: This course is designed to enable students to acquire understanding of management of clinical and community health nursing services, nursing educational programs. This is also designed to enable students to acquire understanding of the professional responsibilities, prospects and contribution to the growth of the profession

Unit		me rs)	Objectives	Skills	Assignments	Assignment Method	
	Th.	Pr	, and the second				
I	6		* Explain the principles and functions of management	Introduction to management in nursing * Definition, concepts and theories * Functions of management * Principles of management * Role of nurse as a manager * Lecture Discussion * Explain Using organization chart		* Short answers * Objective Type	
П	10		* Describe the elements and process of management	* Management Process * Planning: mission Philosophy, objectives operational plan * Staffing: Philosophy, Staffing study, Norms, Activities, Patient classification systems, Scheduling * Human resource management: recruiting, selecting, deployment, retaining, promoting, super annuation etc., * Budgeting: Concept, principles, types, cost benefit analysis, audit * Material management: equipment and supplies * DirectingprocessLeading * Controlling: Quality management * Program Evaluation Review Technique(PERT), bench marking, Activity Plan (Gantt Chart)	* Lecture Discussion * Simulated exercises * Casestudies	* Short answers * Objective type * Practical Exam	

777	10	20	ψ D 11 .1	M
III	10	20	* Describe the	Management of Nursing
			Management of	Services in the Hospitals
			nursing services	and Community
			in the hospital	* Planning:
			and community	-Hospitalandpatientcare
			exercises Case	of Management
			studies	* Emergency and disaster
			* Supervised	management
			practice in ward –	* Humanresourcemanage-
			writing indents,	ment:
			preparing duty	* Recruiting, selecting,
			roster, ward	deployment, retaining,
			supervision	promoting, superannuation
			* Assignment on	etc.,
			duties and	* Categories of nursing
			responsibilities of	personnel including job
			ward sister	description of all levels
			* Writing report	* Patient/populationclassifi-
				cation systems
				* Patients/population as-
				signmentandnursingcare
				responsibilities
				* Staff development and
				welfare
				* Budgeting: Proposal,
				projecting requirements
				for staff, equipments and
				supplies for
				* Hospital and patient care
				units Management units
				including ward
				* Material management:
				Procurement, inven-
				torycontrol,auditingand
				maintenance in
				* Emergency and disaster
				* Hospitalandpatientcare
				units
				* Emergency and disaster
				management
				* Directing and leading:
				Delegation, participatory
				management
				* Assignments, rotations,
				delegations
				* Supervisionandguidance
				* Implement standards,
				policies, procedures and
				practices
]	<u> </u>		Practice

				* NABH & JCI Accreditation process * Staff development and welfare * Maintenanceofdiscipline * Controlling/evaluation: * Nursing rounds / Visits, Nursingprotocols, Manuals - Quality assurance model, documentation * Record and reports Performance appraisal		
IV	8		* Describe the concepts, theories and techniques of organizational behaviour and human relations	Organizational behaviour and human relations * Concepts and theories of organizationalbehaviours * Review of channels of communication * Leadership styles * Review of motivation: Concepts and Theories * Group dynamics * Techniques of * Communication and * Inter personal relationships * Human relations * Publicrelationsincontext of nursing * Relations with professional associations and employee unions and collective bargaining	* Lecture Discussion * Role plays * Group games * Self Assessment * Case discussion * Practice session	solving exercises * Assessment of the assignments * Performance Evaluation by wardsister withrating scale
V	8	5	*Participate in planning and organizing in-service education program	In service education * Nature and scope of in serviceeducationprogram * Organizationofinservice education * Principles of adult learning * Planning for in service education program, techniques, methods and evaluation of staff education program * Preparation of report	* Lecture discussion * Plan and conduct an educational * session for in service nursing personnel	* Short answer * Objective type * Assess the planning and conduct of the educational session

VI	10	* Describe management of nursing educational institutions	Management of Nursing Educational Institutions * Establishment of nursing educational institution— INCnormsandguidelines * Co ordination with * Regulatory bodies * Accreditation * Affiliation Philosophy/ objectives Organization * Structure * Committees Physical facilities * College / School * Hostel Students * Selection * Admission * GuidanceandCounseling * Maintaining discipline Faculty and staff * Selection * Recruitment * Job description * Placement * Performance appraisal * Developmentandwelfare * Budgeting * Equipmentsandsupplies: audio visual equipments, laboratory equipments, books, journals etc., * Curriculum: Planning, Implementation and Evaluation * Clinical facilities * Transport facilities * Transport facilities * Institutional records and reports—administrative, faculty, staff and students	* * *	Lecture Discussion Role plays Counseling sessions Group exercises	*	Essaytype Short an- swers
VII	10	* Describe the ethical and legal responsibilities of a professional nurse * Explain the nursing practice standards	Nursing as a Profession * Nursing as a Profession * Philosophy: Nursing practice * Aims and objectives VCharacteristics of a professional nurse * Regulatory bodies: INC, SNCActs—Constitution, Functions	* *	Lecture Discussion Case discussion Panel discussion Role plays Critical incidents Visit to INC/SNRCs		Short answers Assess- ment of critical incidents

			* Current trends and issues in Nursing * Professional ethics * Codeofethics:INC,ICN * Code of professional conduct: INC, ICN * Practice standards for Nursing: INC * ConsumerprotectionAct * Legal aspect in Nursing * Legal terms related to practice:Registrationand Licensing * Laws related to Nursing practice; Breach and Penalties * Malpractice and Negligence		
VIII	3	* Explain the various opportunities for * professional advancement	Professionaladvancements: * Continuing education * Career Opportunities * Collective bargaining * Membership with Professional organizations:NationalandInternational * Participation in research activities * Publications: Journals, Newspapers, etc., * Role of Information Technology in environment & human health	* Lecture Discussion * Case discussion * Panel discussion * Role plays Critical incidents * Visit to INC/SNRCs	* Short answers * Assess- ment of critical incidents

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Textbook:

1. Basavanthappa (BT), Nursing Administration, Jaypee Brother, New Delhi, 2002.

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- 1. Stanhope(M), Public Health Nursing: Population-centered Health Care in the Community, Elsevier, 7th Edition, 2008.
- 2. T.N.A.I., A Community Nursing Manual, New Gian Offset Press, New Delhi, 1989.
- 3. Bersie (L) and Carol (J), Leadership Roles & Management Functions in Nursing, Lippincott Williams & Williams, Wolters Kluwer Pvt Ltd., New Delhi 19.

BLUE PRINT OF QUESTION PAPER – MANAGEMENT OF NURSING SERVICES & EDUCATION

Total Marks: 75 Placement IV Year B.Sc (N)

• Each paper shall contain

• 2 Long Answer Questions (LAQ) for 10 marks $2 \times 10 = 20$

• 7 Short Answer Questions in 8 (SAQ) for 5 marks $7 \times 5 = 35$

• 10 Very Short Answer Questions (VSAQ) for 2 marks $10 \times 2 = \frac{20}{75}$

				Kr	owled	lge/	Understanding				Application	
Sl.	Unit	Weight	Marks		Recal			1	_		_	
No		age	Allotted	LAQ	SAQ	VSAQ	LAQ	SAQ	VSAQ	LAQ	SAQ	VSAQ
	_			(10)	(5)	(2)	(10)	(5)	(2)	(10)	(5)	(2)
1	Unit I - Introduction	13.3%	10	1								
2	Unit II - Management	12%	9			1		1*	1		1	
	Process											
	Unit III	22.7%	17		1		1					
	-Management Of											
3	Nursing Services In					1						
	The Hospital And											
	Community											
	Unit IV -	12 %	9		1	1						1
4	Organizational											
4	Behavior And											
	Human Relations											
5	Unit V- In service	6.6%	5					1	1*			
	Education											
	Unit VI -	14.6 %	11			1		1	1			1
6	Management Of											
	Nursing Educational											
	Institutions											
7	Unit VII - Nursing as	9.3 %	7		1							1
,	a Profession											
	Unit VIII-	9.3 %	7					1	1			
8	Professional											
	Advancements											
	Total	100%	75									

^{*} Choice Question to be taken from that unit



SRI BALAJI VIDYAPEETH, MGMC & RI CAMPUS

Pillaiyarkuppam, Pondicherry- 607 402.

IV Year B.Sc (N) Degree Examination MANAGEMENT OF NURSING SERVICES & EDUCATION

Model Question Paper

Time: 3 Hrs Max Marks: 75

I. Answer in Detail: 2X10=20

- 1. Define management, explain functions of management and describe principles of management
- 2. Explain the different method of patient assignment and its nursing care responsibility
- II. Answer any 7 of the following: (Short answer questions)

7X5 = 35

- 3. Explain the patient classification system.
- 4. Role of the nurse in purchasing supplies and equipment.
- 5. Explain Group Dynamics.
- 6. Discuss the methods and evaluation of staff education program.
- 7. Describe the steps of job recruitment process.
- 8. Discuss the current trends and issues in nursing profession.
- 9. Explain the standards of NABH.
- 10. Explain the various career opportunities of nursing.

III. Very short answer Questions:

10X2=20

- 11. List down the types of budget.
- 12. Outline the types of planning Define nursing rounds.
- 13. Define nursing rounds.
- 14. Identify the elements of communication.
- 15. List the four types of leadership styles.
- 16. Mention the purposes of accreditation process.
- 17. Write down the four principles of counseling.
- 18. Mention four student welfare activities.
- 19. Differentiate malpractice and negligence.
- 20. Write the importance of membership in professional organization

COMMUNICATION & EDUCATIONAL TECHNOLOGY

Placement: Fourth Year Time: Theory: 90 Hrs

Course Description: This course is designed to help the students acquire an understanding of the principles and methods of communication a teaching. It helps to develop skills in communicating effectively, maintaining effective interpersonal relations, teaching individuals and groups in clinical, community health and educational settings.

Unit		me rs)	Objectives	Content	Teaching Learning Activities	Assignment Method
I	5		* Describe the communication process * Identify techniques of effective communication	Review of Communication Process * Process; elements and channel Facilitators * Barriers and methods of overcoming * Techniques	* Lecture Discussion * Role plays * Exercises with audio/ video tapes	 * Respond to critical incidents * Short answers * Objective type
II	5		* Establish effective interpersonal relations With patients, families & coworkers	Interpersonal relations * Purpose & types * Phases * Barriers & methods of overcoming * Johari Window	* Lecture Discussion * Role plays * Exercises with audio/ video tapes * Process recording	* Short answers * Objective type
III	3		* Develop effective human relations in context of nursing	Human Relations * Understandingself, social behavior, motivation, social attitudes * Individual and groups * Groups & individual * Human relations in context of nursing * Group dynamics * Team work	* Lecture Discussion * Sociometry * Group games * Psychomet- ricexercises followed by discussion	* Short answers * Objective type * Respond to test based on critical incidents

IV	10	5	* Develop basic skills of counseling and guidance	* DefinitionPurpose,scope and need Basic principles * Organization of counseling services Types of counselling approaches * Role and Preparation of counselor * Issues for counseling in Nursing: students and practitionersCounselling process-steps & techniques,toolsof counselor * Managing disciplinary problems * Management of crisis & referral	* Lecture Discussion * Roleplayon counseling in different situations followed by discussions	* Short answers * Objective type * Assess perfor- mance in role play situations
V	5		* Describe the philosophy & principles of education * Explain the teaching learning process	Principles of Education & Teaching Learning Process * Education: meaning, philosophy,aims,functions & principles * Natureandcharacteristics of learning Principles andmax ims of teaching * Formulating objectives; general and specific * Lesson planning * Classroom management	 * Lecture Discussion * Prepare lesson plan * Micro teaching * Exercise on writing objectives 	* Short answers * Objective Type * Assess les sonplansand teaching ses sions
VI	10	10	* Demonstrate teaching skill using various teaching methods in clinical, classroom and community settings	Methods of Teaching * Lecture, demonstration, group discussion, seminar, symposium, panel discus sion, role play, project, field trip, workshop, exhibition, programmed instruction, computer assisted learning, micro teaching problem based learning, self instructionalmodule-elearning, and simulation etc. * Clinical teaching methods:Casemethod,nursing round & reports, bedside clinic, conference (individual & group) process recording	* Lecture Discussion * Conduct 5 teaching ses sions using different methods & media	* Short an swers * Objective type * Assess teaching situations

VII	10	8	* Droporo or d	Educational Media	* Lecture	* Short
VII	10		* Prepare and use different types of educational media effectively	* Purposes & types of A.V Aids,Principlesandsources etc. Graphic aids: chalk board, chart, graph, poster, flash cards, flannel graph, bulletin, cartoon * Three dimensional aids: objects,specimens,models, puppets * Printed aids: Pamphlets, & leaflets Projected aids; slides, overhead, projector,films,TV,VCR/VCD, camera,microscope,LCD, * Audio aids: tape recorder Public address system * Computer Interaction board with document camera	Discussion Demonstra Demon	* Snort answers * Objective type * Assess teachingaids prepared
VIII	5	7	* Prepare different types of questions for assessment of knowledge,skillsand attitudes	* Purpose and scope of evaluation & assessment * Criteria for selection of assessmenttechniquesand MethodsPortfolioassessment * Assessmentofknowledge: essaytypequestions,short answer questions(SAQ), Multiple choice questions(MCQ) * Assessment of skills: observation checklist, practical exam, viva, objective structured clinical examination (OSCE) * Assessment of Attitudes: Attitude scales	* Lecture Discussion * Exercise on writing differ ent types of assessment tools	* Short an swers * Objective type * Assess strategies used in practice teaching sessions and exercise sessions
IX	5	2	* Teaching individuals, group and communities about health With their Active participation	Information, Education & Communication for Health (IEC) * Health behavior and health education * Planning for health education * Health education with individuals, groups & communities *Communicating health messages *Methods & media for communicating health messages *Using mass media	* Plan and	* Short answers * Objective type * Assess the planning & conduct of the educational session

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Textbook:

Heidgerkahn (DE), Teaching and Learning in School of Nursing, Philadlphia, J.O. Billioet Co.

W.H.O. Curriculum Guide for the Schools of Nursing in India, Delhi WHO.

Reference:

- 1. Neeraja, Textbook of Nursing Education, Jaypere Brothers.
- 2. Tyler (RW), Basic of Curriculum and Instruction, Chicago, The university of Chicago press

BLUE PRINT OF QUESTION PAPER – COMMUNICATION AND EDUCATION TECHNOLOGY Placement IV Year B.Sc (N)

Total Marks: 75 Placement IV Year B.Sc (N)

• Each paper shall contain

• 2 Long Answer Questions (LAQ) for 10 marks $2 \times 10 = 20$

• 7 Short Answer Questions in 8 (SAQ) for 5 marks $7 \times 5 = 35$

• 10 Very Short Answer Questions (VSAQ) for 2 marks $10 \times 2 = 20$

NOI	VSAQ 2		1		1			1		
APPLICATION	SAQ 5			1		1*				1
AP	LAQ 10									
ING	VSAQ 2	1						1		
UNDERSTANDING	SAQ 5		1			1			1	
UNDE	LAQ 10						1	1		
GE/	VSAQ 2			1		-	1		1	
KNOWLEDGE/ RECALL	SAQ 5	-			-					
KN	LAQ 10									
	MARKS	7	7	7	7	6	12	14	7	5
	WEIGHT AGE	9.3	9.3	9.3	9.3	12	16	18.6	9.3	6.6
	UNIT	Communi	Inter Personal Relation ship	Human Relation	Guidance and counseling	Principles of Education	Methods of teaching	Educational Media	Evaluation	IEC
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COMMUNICATION & EDUCATION TECHNOLOGY MODEL QUESTION PAPER FOR IV YEAR B.Sc (N)

Time: 3 Hrs Max Marks: 75

Long answers: (2X10= 20 Marks)

- 1. a) Define Teaching.(2)
 - b)Describe Clinical teaching method used in Nursing.(8)
- 2. a)List down the guidelines for using AV aids (5)
 - b) Explain the need of AV aids in Education.(5)

Short answer: Answer any 7 of the following

(7X5=35 Marks)

- 3. Find out the methods used to overcome the barriers in communication.
- 4. List down the types of Interpersonal relationship.
- 5. State the principles of group dynamics.
- 6. Differentiate guidance & Counselling.
- 7. What are the points to be remembered while preparing lesson plan.
- 8. Explain maximum of teaching.
- 9. Identify the methods of Performance appraisal.
- 10. Explain the models of health Education.

Very short answers: (10X2= 20 Marks)

- 11. List out the elements of communication.
- 12. Uses of Johari window model.
- 13. List down the phases of Nurse Client relationship.
- 14. State the purposes of Counselling services.
- 15. Identify the factors responsible for Positive clean room management.
- 16. Mention the 3 domains of education objectives.
- 17. Define field trip.
- 18. State the principles of reporting.
- 19. Outline the guidelines in preparing Poster.
- 20. List down any 4 principles of evaluation.



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PATTERN OF INTERNAL ASSESSMENT - THEORY

Sl. No	UIN No	Name of the Students	Test (Unit / Sessional / Revision / Model	Assignment	Record / Class Teaching	Attendance	Discipline & Conduct	Total	Final Score
1									
2									
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10									
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12									



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PATTERN OF INTERNAL ASSESSMENT - PRACTICAL

Sl.	UIN No	Name of the	Practical		Record	Clinical	Spotters	Case	Assignment	Total	Final
No	0211110	Students	VI	VA	Completion	Evaluation	Брошего	Study	1100191111111	10001	Score
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2											
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Date: Total: 100

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		Nur	sing Assess	sment	Plan	ning	Implemer	ntation	Evalu	ation		Spo	tters				
	Register Number	Knowledge	History	Physical sessment Diagno (5)	Nsg.	Objectives (4)	Procedure Demonstration (5)	Health Education (3)		Instru ments (2)	(2)	ters Bon (2)	nts	Drug (2)	s Viva (5)	xam	Total (100)
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B.Sc(N) EVALUATION FORMAT MEDICAL SURGICAL NURSING - I



Date: Total: 100

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		Nurs	ing Asses	ssment								Spot	ters	Problem		
N	Regist Number	er Bed side presentation (5)	Nursing	Exam findings	Planning (5)	Nursing Care (10)	Clinical reasoning (5)	Health Education (5)	Records (5)	Differential Diagnosis (10)	Tray Setting (10)	Instrument (5)	Drugs	solving approach (10)		Total (100)
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B.Sc(N) EVALUATION FORMAT

B.Sc. NURSING III-YEAR MEDICAL SURGICAL NURSING - II

		Ni	ursing assessme	ent	ation	education (2)	Recording	Cr	itical Thi	nking	S	Spotte	ers		
S.No	Register Number	Nursing History (4)	Physical Examination (4)	Nursing care Plan (4)	Implementation /skill (4)	Health educ	& Reporting (2)	Tray Setting	Differential Diagnosis (5)	Concept Mapping (5)	Instruments (4)	Drugs (4)	Nutritive Items (2)	Viva (5)	Total (50)



KASTURBA GANDHI NURSING COLLEGE SRI BALAJI VIDYAPEETH, SBV CAMPUS

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B.Sc (N) EVALUATION FORMAT MATERNAL NURSING

Sl.No	Register	Nur	sing Asse	ssment	Planning	Nursing	Clinical	Differen-	Mecha-	Pelvis &	Tray	S	potters		Problem	Viva	Total
	Number	Bed side presentation (2)	Nursing history (2)	Clinical Exam findings (4)	of the objectives (2)	Care (4)	reasoning (4)	tial Diagnosis (4)	nism of labor (4)	(2)	(4)	Instruments (4)	Drugs (4)	Nutritive Items (2)	approach (3)	(5)	(50)



KASTURBA GANDHI NURSING COLLEGE SRI BALAJI VIDYAPEETH, SBV CAMPUS



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B. Sc (N) EVALUATION FORMAT CHILD HEALTH NURSING

			Nursing Ass					Health			Tray		Spotters		Problem		
S. No	Register Number	Bed side presentation (2)	Nursing history (2)	Clinical Exam findings/ Growth & Development (4)	Planning (3)	Nursing Care (4)	Clinical reasoning (3)	Education/ Play Therapy (4)	Recording & Reporting (3)	Differential Diagnosis (4)	Setting (4)	Instruments (3)	Drugs (3)	Nutritive Items (2)	solving approach (4)	Viva (5)	Total (50)
1.																	
2.																	
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7.																	
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B.Sc (N) EVALUATION FORM MENTAL HEALTH NURSING

	Assess	ment	D		NT .		Dl		Spe	otters	▼7.	
Register no.	History Taking (5)	MSE (7)	Process recording (5)	Planning (3)	Nursing process Implementation (4)	Evaluation (2)	Psycho education (5)	Therapeutic Activities (5)	Medication (2)	Psychological test (2)	Viva voice (10)	Total (50)

SIGNATURE OF THE EXAMINER



KASTURBA GANDHI NURSING COLLEGE SRI BALAJI VIDYAPEETH, SBV CAMPUS

Pillaiyarkuppam, Pondicherry- 607 402.



B.Sc (N) EVALUATION FORMAT COMMUNITY HEALTH NURSING

Sl.No	Register Number				Objec- tives	Proce- dure		Health Education	Differential Diagnosis		Spotters			Problem solving	Total (100)
		Family	Clinical Exam findings (10)	Nutritional (5)	(5)	(10)	(5)	(5)	(10)	(10)	Vaccine (5)	Drugs (5)	Nutritive Items (5)	approach (10)	(200)

SIGNATURE OF THE EXAMINER





SHRI SATHYA SAI COLLEGE OF NURSING



SRI BALAJI VIDYAPEETH

Sri Balaji Vidyapeeth Campus Pillaiyarkuppam, Puducherry - 607 402.