

B. Voc. Health Care & Nursing
(for the Academic Year 2018-19)

BACHELOR OF VOCATION (B.Voc.)

DEGREE PROGRAMME IN

HEALTH CARE & NURSING

Sponsored by UGC under NSQF (New Delhi)

CURRICULUM



SRI Y N COLLEGE (AUTONOMOUS)

Accredited by NAAC at 'A' level

Recognized by UGC as 'CPE'

NARSAPUR, W.G. Dt.(AP)



विश्वविद्यालय अनुदान आयोग
UNIVERSITY GRANTS COMMISSION
मानव ससाधन विकास मंत्रालय, भारत सरकार
MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVT. OF INDIA
बहादुर शाह जफर मार्ग, नई दिल्ली - 110 002
BAHADUR SHAH ZAFAR MARG, NEW DELHI - 110 002



ज्ञान-विज्ञान सिद्धयते
August, 2018

F.No.5-1/2018(NSQF)

The Principal
Sri Yerramilli Narayana,
Murthy College (Autonomous),
Narsapur -534275
(AP)

Sub: - Approval of programme/ courses under NSQF - reg.

Dear Sir/ Madam,

This is with reference to your proposal for introducing vocational courses under NSQF. I am directed to convey approval of the UGC for the following programmes/ courses to be run by your institution under NSQF from the academic session 2018-19.

B.Voc	Programmes/ Courses
1. Fashion technology & Apperal Designing	
2. Health Care and Nursing	

It is further informed that the institution may admit 50 students per course, and appoint faculty and staff as per the provisions of the NSQF guidelines.

You are requested to kindly ensure compliance of the terms and conditions/ provisions as laid down in the guidelines for providing skill-based education under National Skill Qualification Framework. You are also requested to convey your confirmation to start the courses from the academic session 2018-19 along with the courses-wise actual intake of students to UGC at the earliest.

Yours faithfully,

Mriganka Sekhar Sarma
(Education Officer)



UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI - 110 002

F. No. 1-54/2013 (CC/VEQF)

13 Aug. 2014

1. Registrars
All Central and State Universities
2. Principals
All UGC approved Community Colleges

Subject: Clarification about Awarding Authority for Certificate(s) / Diploma(s) to the students under the scheme of Community Colleges

Sir / Madam,

In response to various queries received from affiliated colleges about the 'Awarding Authority' for Certificate(s) and Diploma(s) to the students for the approved courses being run under the scheme of Community Colleges by affiliated Colleges, the issues is resolved as under.

"The college concerned should itself award Diploma / Certificate under its own seal and signature after a written authorization from the affiliating university. However, the college should mention the name of the affiliating university and the scheme on the award."

The affiliating universities are requested to give written authorization to the affiliated colleges running the scheme of Community Colleges to award certificate(s)/diploma(s).


13/8/14
Dr. Nitkul Kumar
(Education Officer)

CURRICULUM OF PROGRAMME

AIM :

The Bachelor of Vocation (B.Voc.) Degree programme in Health Care and Nursing is introduced under the University Grants Commission (UGC) new scheme of skill development based higher education. The aim of B.Voc programme is to integrate Government of India's National Skills Qualifications Framework (NSQF) within the undergraduate level of higher education, in order to enhance employability of the graduates and meet hospital requirements. The B Voc programme in Health Care and Nursing provide flexibility to the students by means of pre-defined entry and multiple exit points.

The curriculum of B Voc programme in Health Care and Nursing incorporates the requirements of various Hospitals, in an innovative and flexible manner while developing a holistic and well-groomed graduate. This programme equips students to pursue a wide range of career prospects as Nurses in Multi speciality Hospitals. The syllabus of the course is designed in such a way that it provides the skill development required to be a successful Nursing Assistant.

OBJECTIVES OF THE PROGRAM

After going through this program, the student will be able:

1. To have an understanding of the principles of Health Care and Nursing.
2. To be familiarise with techniques of Health Care and Nursing.
3. To treat various types of Patients in Hospitals.
4. To get the skill of handling different types of patients in Hospitals.
5. To familiarise with techniques of testing of Pivotal like Blood Pressure, Temperature, Weight etc. for treatment of the patient.
6. To impart knowledge of making patient comfortable taking care of the patient as per case sheet.
7. To gain knowledge of varies types of tests, readings etc., per the direction of the doctor.
8. To understand the patient and give proper treatment as per the direction of the doctor.
9. To ready with adequate knowledge and skills, so that they are work ready at the exit point of the programme.

COURSE STRUCTURE:

The curriculum in each of the years of the programme is a suitable mix of General Education and Skill Development components. The General Education components emphasise and offer courses which provide holistic development. The focus of Skill Development components is to equip students with appropriate knowledge, practice and attitude, so as to become work ready. While designing the curriculum of Skill Development components, adequate attention has been given to practical work, Hospitals visit, Clinical Duties, Development of student portfolios and project work.

COURSE STRUCTURE

S. No.	Course Code	Semester-1	GEC/SEC	Lecture	Practical	Credits
1	NURHC	Primary Health Care and Nursing Foundation	SCC	3	4	7
2		Human Anatomy & Physiology	GEC	3	4	7
3		Nutrition & Biochemistry	GEC	3	4	7
4	English	*Information and Computer Technology Skills (ICT) - I	GEC	3	4	7
5	Technology	*Communication Skills - I	GEC	2		2
						30
Semester-2						
1		Microbiology	GEC	3	4	7
2		Pathology & Genetics	SCC	3	4	7
3	English	Community Health Nursing - I	GEC	3	4	7
4	English	Clinical Duties	SCC		4	4
5	English	*Communication Skills - II	GEC		2	2
		Library and Assigned work (Project)	SCC		3	3
						30
Semester-3						
1		Psychology	SCC	3	4	7
2		Sociology	SCC	3	4	7
3		Medical Surgical Nursing - I	SCC	4	4	8
4		Community Health Nursing - II	GEC	3		3
5		*Environment Studies - I	GEC	2		2
6		*Soft-Skills Training - I	GEC	3		3
						30
Semester-4						
1		Medical & Surgical Nursing - II	SCC	3	4	7
2		Mental Health & Nursing	SCC	3	4	7
3		Pharmacology	GEC	3	3	6
4		Clinical Duties	SCC		4	4
5		*Soft-skills Training - II	GEC	3		3
6		Mini Project	SCC		3	3
						30
Semester-5						
1		Midwifery and Obstetrical Nursing - I	SCC	3	4	7
2		Child Health Nursing	SCC	3	4	7

3	Communication & Education Technology	SCC	4	4	8
4	*Environmental Studies - II	GEC	4	4	8
	Clinical Duties	SCC	4	4	8
	Project	SCC	4	4	8
Semester-6					
1	Midwifery and Obstetrical Nursing -II	NCC	4	4	8
2	Nursing Research and Statistics	GCC	3	4	7
3	Management of Nursing Services	GCC	3	4	7
4	Clinical Duties	SCC		4	4
5	Project	SCC		4	4
					30
ABSTRACT					
					180
					72
					108

***SYLLAUS AND QUESTION PAPER PATTERN FOR THE FOUNDATION COURSES ARE ON PAR WITH THE DEGREE STUDENTS OF ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM.**

CREDITS

Each Semester consists of 30 credits. These credits are divided into General Education Credits (GEC) and Skill component credits (SCC). The ratio of GEC and SCC is being 2:3. In total the student should earn 180 credits to award the B.Voc., Degree. The multiple exit points are also mentioned in Table 1.

LEVELS OF AWARDS

The certification levels will lead to Diploma/Advanced Diploma/B. Voc. Degree in one or more vocational areas and will be offered under the aegis of the University. This is out-lined in Table (1) as per the UGC (NSQF) guidelines.

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LEVELS OF AWARDS

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Table 1 : Awards

NSQF Level	Skill component credits	General Education Credits	Total Credits for Award	Normal Duration	Exit point/ Awards
5	36	24	60	1 Year	Diploma
6	72	48	120	2 Years	Advanced Diploma
7	108	72	180	3 Years	B. Voc Degree

The award of degree as below in each case as specified above.

- **B.Voc. (Health Care and Nursing)**
- **Advanced Diploma (Health Care and Nursing)**
- **Diploma (Health Care and Nursing)**

The practical/hands-on portion of the skills development components of the curriculum should be transacted normally in face to face mode, either within the institution or at Hospitals. However, if due to the nature of the skill to be learnt, the Hospital prescribes its acquisition through blended or distance mode, the same may be followed. In nutshell, the emphasis should be on learning outcome and not the input and processes. The general education component of the curriculum may be transacted in any mode without compromising on quality.

ELIGIBILITY

The eligibility condition for admission to B. Voc. Programme shall be 10+2 or equivalent, in any stream.

DURATION OF THE COURSE

B. Voc. Fashion Technology shall be a six semester **full time programme** extending to three academic years consisting of 90 working days of instruction in each semester including examination.

COURSES

The programme gives ample weightage to English as a communication medium. Students must develop the basic skills in English through General Education component courses in the first and second semester. Basic Computer Knowledge is also included the General Education component. Other courses in the General Education components (total 15 courses) are

complementing the core trade. Skill Development components includes 20 core courses, which provides all the practical skills and necessary knowledge required to become a fashion designer. The programme puts greater emphasis on interaction with the relevant industry in the form of internships. The student can also undergo through 1 or 2 SHAYAM/ courses available online, to make them a continual and self learner even after completion of this B.Voc., program

ATTENDANCE:

Every candidate should have attended at least 70% (compulsory) of the total number of classes conducted in an academic year from the date of commencement of the term to the last working day as noticed by Institute in each of the subjects prescribed for that year, separately in theory and practical. Only such candidates are eligible to appear for the University examinations.

PROGRAM CONDUCTION:

The curriculum is being submitted for approval by ADIKAVI NANNAYA UNIVERSITY. General education component, skill component courses of the curriculum would be imparted by Sri. YN College (Institution) with the support of local Hospitals, Primary Health Centres, etc.,. The Internal assessments will be conducted by Institution and external examinations Theory paper setting will be done Externally. The scheme of evaluation will be followed as prescribed.

Only the necessary number of core faculties would be there in the institution and the remaining would be drawn as guest faculties from Hospitals and Doctors with experience and expertise in the specific vocational skills.

The expenses in connection with job training, educational tour, field visits etc. if any should be borne by the candidates.

COURSE DETAILS:

Mini Project

Submission of case studies of various types of Diseases.

Portfolio Preparation & Presentation

To enable students develop a comprehensive portfolio showcasing their professional competencies and skills. The students have to document all their best presentable work done through all the semesters and the student's area of interest. The portfolio can be an effective means of communicating the capacities and capabilities of the students to anyone who seeks their skills and talent. A viva based on their presentation will be conducted at the end of the V semester by an external examiner.

Project Work

The project work should include different types of case studies of different diseases in hospitals.

Clinical Duties

The students should go through Nurse training and practice at a Hospitals. In semester 6, the course work to be allocated in such a way that at least 20 hrs in a week, the student should be able to report to Hospital. At the completion of Clinical duties at various Hospitals, the student is expected to excel in a skill in Health Care and Nursing.

JOB OPPORTUNITIES (HEALTH CARE & NURSING):

At the end of 1st year (Diploma) one may get opportunity to become a

1. Lab Assistant in Medical Diagnostic centre,
2. Helpers in Hospitals

At the end of 2nd year (Advanced Diploma) one may get opportunity to become a

1. Lab Technician in Medical Diagnostic centre,
2. Lab Technician in Corporate Hospitals,
3. Nursing Assistant in Hospitals

At the end of 3rd year (B.Voc. Degree) one may get opportunity to become a

1. Staff Nurse in Hospitals.
2. Establish own Medical Diagnostic centre
3. Go for Higher studies: PG Diploma in Nursing or Post Graduate Degree in Nursing.

FACULTY REQUIREMENT AND QUALIFICATIONS:

1. M.Sc. Ph D. (Nursing) ----- 1 Post
2. M.Sc. (Nursing) ----- 2 Posts
3. B.Sc. (Nursing) ----- 3 Posts

7.7.3. The Commission shall provide financial assistance under this scheme as per details given below:

a) Start-up assistance:

One-time start-up assistance shall be provided for developing the infrastructure, setting up of laboratories/workshops facilities, procurement of teaching and learning materials including courseware, machineries/equipment and renovation of buildings. This shall not cover any new construction. Space for housing of Community College shall be provided by the Institutions.

b) Faculty and Staff:

For Community Colleges:

In the CCs, the faculty would typically consist of existing faculty with the institution and a pool of guest / visiting / parttime faculty taken from either the industry or open market or NSDC approved training partners for imparting skills. The mix of permanent / part time / guest / visiting / adjunct faculty would be decided by the host institution with the approval of Advisory Committee, depending on the local needs and availability. The laboratory staff / instructors will be planned and approved by BoM, as per the need.

Remuneration to the guest faculty may be paid under this scheme at the locally prevalent rates, but not exceeding the rates prescribed by UGC. However, there will be no cap on the total payment to a particular faculty in a month. For guest lecture/ part time faculty etc, sufficient knowledge of the sector, training / teaching skills along with relevant industry experience of minimum 2-3 years is desirable.

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For the B.Voc Degree Programme:

One Assistant Professor per course is provided for three years (purely on contractual basis). Institutions should recruit faculty only in the core trades being offered under the Scheme. Adjunct Visiting and Guest Faculty may also be appointed within the ceiling of financial assistance provided in this scheme.



SRI Y.N.COLLEGE (Autonomous)

(Affiliated to Adikavi Nannaya University)

Thrice Accredited by NAAC at 'A' Grade

Recognised by UGC as 'College with Potential for Excellence'

NARSAPUR-534 275, W.G.Dt., A.P.,

B.VOC – HEALTH CARE & NURSING

Dr. K Venkateswarlu, M.Sc. (Tech.), Ph.D., FIETE
Principal (FAC)

Date: 02-12-2019

LIST OF B.VOC (NURSING) PAPER SETTING EXAMINERS

1. K. Krishna Kumari, M.Sc., Nursing
Appollo Hostipals, Tanuku
7660921395
2. K. Krupa Joy
BGBS Womens College, Narsapur
8008812184
3. K. Asha Kiran
Deepthi Mahila Kalasala, Malkipuram, E.G.Dt.,
9491979980
4. K. Sowjanya
Rainbow Hospitals, Vijayawada, Krishna Dt.,
7981189147
5. G Sri Durga
Care Hospitals, Malkipuram, E.G.Dt.,
9014328818
6. T. Vimala Devi
SKSD Mahila Kalasala (A), Tanuku, W.G.Dt.,
7989438465

(Dr. K. VENKATESWARLU)
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B.VOC – HEALTH CARE & NURSING

Dr. K Venkateswarlu, M.Sc. (Tech.), Ph.D., F.I.I.
Principal (AAC)

Date: 02/11/2022

LIST OF B.VOC (NURSING) PRACTICAL EXAMINERS

1. K. Krishna Kumari, M.Sc., Nursing
Appollo Hospitals, Tanuku
7660921395
2. M. Prasuna
Govt. Hospital, Ramachandrapuram, E.G. Dt.,
7680061961
3. M. Tejaswini
Dist. Govt. Hospital, Rajamahendravaram
9652901192
4. Pallavi
Area Govt. Hospital, Ramachandrapuram, E.G. Dt.
5. P Kala Revathi
Govt. Hospital, Kakirada
9652150116


(Dr. K. VENKATESWARLU)

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NARSAPUR-534275

1st Year Health Care & Nursing Course

Semester-1

Primary Health Care Nursing (Nursing Foundation)

Theory (Paper-I) - Syllabus

UNIT-I

Introduction: Concept of health: Health illness continuum, Factors influencing health, Causes and risk factors for developing illness, Health promotion and levels of disease prevention, Primary health care and its delivery role of Nurse

Nursing as a Profession: Definition and characteristics of profession, Concepts, Philosophy, Objectives, Functions of Nurse, Qualities of a Nurse, Ethics and professional conduct of Nurse

UNIT-II

Hospital Admissions and Discharge: Admission to the hospital, Discharge from the hospital

Vital Signs: Guidelines for taking vital signs, Temperature, Pulse, Respiration, Blood Pressure

Documentation in Nursing: Purposes of Recording and reporting, Types of records and reports, Maintaining Nursing records, Methods of recording

UNIT-III

Nursing Process: Assessment, Nursing Diagnoses, Planning, Implementation, Evaluation

Health Assessment: Purposes of health assessment, Health history, Physical examination

AMHS


UNIT-IV

Infection Control: Hand washing, biomedical waste management
Administrative of Medication: Purposes and principles of administrative of medication, Routes of administration

UNIT-V

Care of Terminally ill Patient: Concepts of loss, Grief, Grieving process, Signs of clinical death, Care of dying patient
First Aid: Introduction to First Aid, Bandages, Wound Cleaning, Shock prevention, Poisoning, Foreign bodies, Burns.

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NARASAPUR – 534 275

B.VOC Health Care and Nursing

Semester – I

Syllabus – Nursing Foundation Practical-Paper 1

Areas :-

- Demonstration lab, General and surgery ward

Skills :-

1. Hospital Admission and Discharge

- Admission
- Prepare unit for new patient
- Prepare admission bed
- Performs admission procedure
 - a. New Patient
 - b. Transfer in
- Prepare Patients Records.

2. Discharge (or) Transfer Out :-

- Perform discharge procedure (planned discharge, (AMA and abscond, Referrals' and transfers)

3. Perform Assessment :-

- History taking, Nursing diagnosis
- Write Nursing care plan

4. Vital Signs :-

- Measure, records and interpret all creations in body temperature, pulse, Respiration and blood pressure.

5. Prepare Patient's Unit :-

- Prepare beds

a. Open, Closed, Occupied

6. Body Alignment and Mobility :-

Positioning :- Recumbent, lateral (Rt & Lt), Fowler's, Sims, lithotomy, prone

7. Oxygen Administration

8. CPR – Basic life support

Assignments :-

1. Practice in Unit / Hospital / Lab
2. Write Nursing Process
3. Health Talk
4. Measure vital signs of assigned patient
5. Simulated exercise on CPR manikin.
6. Department of Infection Control & CSSD:-
Visit to CSSD and Write observation Report
7. Collection of sample for culture.


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Blue - Print

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Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit - I	01	02	02
Unit - II	01	02	02
Unit - III	01	02	01
Unit - IV	01	01	01
Unit - V	-	01	02

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Semester- I

B. Vocational Health Care & Nursing

Health Care and Nursing Foundations

Paper -I

Time : 3 hrs.

Max. Marks : 50

SECTION - A


- I) Answer any **TWO** questions. Each one carries 10 Marks. 2 x 10 = 20
1. Define health? Explain in detail about health – illness continuum?
 2. Define Hospital. Write admission and discharge process.
 3. Define Nursing process. Explain about the steps of Nursing process.
 4. Define drug administration. Write about the rights and purpose and principles in drug administration.

SECTION - B

- II) Answer any **FOUR** Questions. Each one carries 5 marks. 4 x 5 = 20
1. Write the philosophy of Nursing.
 2. Nursing Professional qualities.
 3. Routes of drug administration.
 4. Types of bandages.
 5. Guide lines in taking vital signs from the patient.
 6. Functions of Nurse.
 7. Purpose of Health Assessment.
 8. Purpose of physical examinations.

SECTION - C

- III) Answer any **FIVE** Questions. Each one carries 2 marks. 5 x 2 = 10
1. Define Health.
 2. Write the factors affecting health.
 3. Define the vital signs of normal healthy person.
 4. Purpose of records.
 5. Definition of nursing diagnosis
 6. Define evaluation
 7. Define infection.
 8. Write about the bio-medical waste management


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Semester- I B. Vocational Health Care & Nursing Primary Health Care and Nursing Practical Paper -1

Total Marks : 100

Time : 3 hrs.


Internal Marks : 25 (At hospitals in General Wards)
Case Presentation.

1. Kardex
2. Nurses Notes
3. History Collection
4. Physical Examination
5. Lab Investigation
6. Nursing Diagnosis
7. Nursing Care Plans
8. Medication Charts
9. Health Education

External Marks : 75 (At hospitals in General Wards)

- | | | |
|----------------------|---|----|
| 1. Case Presentation | - | 25 |
| 2. Viva & Records | - | 10 |
| 3. Procedures | - | 10 |
| 4. Charts | - | 10 |
| 5. Behavioural Marks | - | 10 |
| 6. Personal Skills | - | 10 |

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1st Year Health Care & Nursing Course
Semester-1

Nutrition & Biochemistry - Theory (Paper-II)- Syllabus

UNIT-I

Introduction : Role of Nutrition in Maintaining health, Nutritional problems in India, National Nutritional Policy, Role of food and its medical value, Classification of foods, BMR, element of Nutrition

UNIT-II

Carbohydrates, Fats, Proteins: Classification of Carbohydrates, Fats, Proteins and caloric values, Malnutrition and its deficiencies
Vitamins and Minerals, Water, Electrolytes: Classification of Vitamins and Minerals, daily source of dietary sources and their deficiencies

UNIT-III

Cookery rules and Preservation of Nutrients: Principles methods of cooking and serving, Balanced diet, Safe food handling, toxicity, Storage of food

UNIT-IV

INTRODUCTION TO BIOCHEMISTRY

- Definition and Significance in Nursing
- Review of structure, Composition and Functions of cell
- Structure & Function of cell membrane
- Prokaryote, Eukaryote cell organization
- Microscopy

UNIT-V

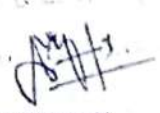
Composition and Metabolism of Carbohydrates and Lipids

- Metabolism- Pathway of Glycolysis
 - Tri Carboxylic Acid(TCA)Cycle
 - Regulation of blood glucose level
- Lipoproteins and their Functions:-VLDL,IDL,HDL,LDL
- Protein Synthesis
- Chromatography

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Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit - I	01	02	02
Unit - II	01	02	02
Unit - III	01	02	01
Unit - IV	01	01	01
Unit - V	-	01	02

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Semester- I

B. Vocational Health Care & Nursing Nutrition & Bio-Chemistry

Paper -II

Time : 3 hrs.

Max. Marks : 50

SECTION - A

- I) Answer any **TWO** questions. Each one carries 10 Marks. 2 x 10 = 20
1. Define Nutrition. Write about the classification of foods. Write the factors affecting Nutrition.
 2. Write the definition of Nutrition. Explain the classification of vitamins and their deficiencies.
 3. Define cooking. Write the methods and principles of cooking and storage of food.
 4. Write about the classification of proteins. Explain in detailed about the protein synthesis.

SECTION - B

- II) Answer any **FOUR** Questions. Each one carries 5 marks. 4 x 5= 20
1. Define Nutrition. Nutritional problems in India.
 2. National Nutritional Programme in India.
 3. Classification of Carbohydrates.
 4. Dietary sources of Fats.
 5. Food handling process.
 6. Short notes on functions of electrolytes in our body.
 7. Functions of Cell membrane.
 8. Short on chromatography.

SECTION - C

- III) Answer any **FIVE** Questions. Each one carries 2 marks. 5 x 2= 10
1. Define B.M.R.
 2. Factors affecting on Nutrition.
 3. Energy yielding food.
 4. Balanced diet.
 5. Define malnutrition.
 6. Difference between prokaryotes and Eukaryotes.
 7. Glycolysis.
 8. Functions of lipo proteins.

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1st Year Health Care & Nursing Course

Semester-1

Human Anatomy & Physiology- Theory (Paper-III)- Syllabus

UNIT-I

Introduction to Anatomy and Physiology: Cell Introduction, Overall Skeletal and Muscular System

Digestive system: Mouth, Esophagus, Stomach, Intestines, ANUS,
Function of Digestive system, Application in Nursing

UNIT-II

Respiratory system: Structure of lungs, Functions of lungs, Volumes of lung, Application in Nursing

Cardiovascular System: Structure of heart, Blood vessels, Functions of heart, Cardiac cycle, pulmonary arterial circulation, Application in Nursing

UNIT-III

Nervous System : Sense-organs-Skin, eye, ENT, Structure of Neuron, Parts of Brain, Spinal Cord, Spinal & Peripheral Nerves, Functions of Central Nervous system, Application in Nursing

UNIT-IV

Excretory System: Structure of Kidney, Ureters, Urinary bladder, Urethra, Function Of Kidney, Ureters, Urinary bladder and Urethra, Application in Nursing

UNIT-V

Endocrine System: Gross Structure of Pituitary, Pancreas, Thyroid, Parathyroid, Thymus and adrenal glands, Functions of all glands, Application in Nursing

Reproductive System: Gross Structure of female & male reproductive system, Functions of female & male reproductive systems, Application in Nursing

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Semester- I

B. Vocational Health Care & Nursing

Human Anatomy and Physiology

Paper -3

Time : 3 hrs.

Max. Marks : 50

SECTION - A

- I) Answer any TWO questions. Each one carries 10 Marks. 2 x 10 = 20
1. Describe the process of Digestion in Humans.
 2. Describe the structure and working of the Human Heart.
 3. Describe the structure of human brain.
 4. Explain about Endocrine system and the importance of their secretions.

SECTION - B

- II) Answer any FOUR Questions. Each one carries 5 marks. 4 x 5 = 20
1. Structure of Cell.
 2. Liver
 3. Reflex Arch
 4. Lungs
 5. Blood Pressure
 6. Structure of Brain.
 7. Anatomy of Kidney..
 8. Structure of Spermatozoa.

SECTION - C

- III) Answer any FIVE Questions. Each one carries 2 marks. 5 x 2 = 10
1. Draw the diagram of a cell.
 2. Mention the parts of a Human Digestive system.
 3. Write the differences between Arteries and Veins.
 4. Write the functions of Avesti in respiration.
 5. What are the examples of reflexes?
 6. Write the functions of Nephron.
 7. Mention the various parts of male reproductive system.
 8. Draw the labeled diagram of Thyroid gland.

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Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit - I	01	02	02
Unit - II	01	02	02
Unit - III	01	02	01
Unit - IV	01	01	01
Unit - V	-	01	02

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NARASAPUR – 534 275

B.VOC Health Care and Nursing

Semester – II

Syllabus – Microbiology-Paper-IV

UNIT – I

INTRODUCTION:-

- Importance of Microbiology – Relevance to Nursing
- General Characteristics of bacteria:-
- Structure and classification of bacteria.
- Types of bacteria.
- Demonstration of bacteria -- Microscopy and staining.
- Parts of bacterial cell.
- Growth and Nutrition of bacteria.

UNIT - II

INFECTION CONTROL:-

- Infection: Definition, types, sources, modes of transmission, types of infectious diseases
- Asepsis and disinfection.
- Sterilization methods.
- Standard bio-safety measures.
- Biomedical waste.
- Role of nurse in infection control.

UNIT - III

IMMUNITY :-

- Immunology - Definition and terms.
- Immunity - Innate and acquired immunity.
- Antigen - Antibody.
- ELISA
- Hypersensitivity: Mantoux test
- Immune prophylaxis.

UNIT - IV

PATHOGENIC VIRUSES AND FUNGI :-

- Classification of viruses.
- RNA Viruses: Poliovirus, Influenza, Mumps, Rubella, Rabies, Japanese encephalitis, Chikungunya.
- DNA Viruses: Variola, Varicella, Zoster, adenovirus, papilloma virus.
- Viral hepatitis: Hepatitis viruses A, B, C, D, E.
- Rota virus, HIV Virus.
- Fungi: Classification of fungi
- Dermatophytosis, Candidiasis.

UNIT - V

Parasites and Demonstration of Procedures :-

- Protozoal infections: Amoebiasis, Malaria.
- Nematode infections: Ascariasis, Trichuriasis, hookworm, schistosomiasis.
- Demonstration of practical procedures in Microbiology.
- Microscopy: Light, phase, uses.
- Staining: Dry preparation.
- Sample staining.

AI
CHARTER

- Gram's staining
- Ziel Neelsen's staining (Acid Fast staining)
- Albert staining
- Widal test.
- VDRL Test.
- Culture and sensitivity test.

Reference Books

- Author: Ananthamarayana. The text book of Microbiology.
- Author: Baveja. The text book of Microbiology.
- Author: G.Swarna. The text book of Microbiology.

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Semester- II B. Vocational Health Care & Nursing Microbiology Paper -4

Time : 3 hrs.

Max. Marks : 50

SECTION - A

- I) Answer any TWO questions. Each one carries 10 Marks. 2 x 10 = 20
1. Define Microbiology. Write about the classification and structure of bacterial cell with labeled diagram.
 2. Define infection. Write the types, sources and mode of transmission of diseases and role of nurse in infection control.
 3. Define Immunity. Write the types of immunity and immune prophylaxis.
 4. Define staining techniques. Write the Gram's staining and acid fast staining techniques .

SECTION - B


- II) Answer any FOUR Questions. Each one carries 5 marks. 4 x 5= 20
1. Importance of Microbiology in Nursing.
 2. Growth and Nutrition of bacteria.
 3. Sterilization methods.
 4. Bio-medical waste.
 5. Antigen - Antibody reactions.
 6. Hypersensitivity reactions.
 7. Define Hepatitis virus.
 8. Hanging drop preparation.

SECTION - C

- III) Answer any FIVE Questions. Each one carries 2 marks. 5 x 2= 10
1. Define Microbiology.
 2. Parts of bacterial cell.
 3. Define disinfection and asepsis.
 4. Define infection. Write types of infection diseases.
 5. Elaborate ELISA.
 6. Define immunity.
 7. Classification of fungi.
 8. Classification of protozoal infections.

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Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit - I	01	02	02
Unit - II	01	02	02
Unit - III	01	02	01
Unit - IV	01	01	01
Unit - V	-	01	02

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B.VOC Health Care and Nuring

Paper - V Semester - II Paper 5

Syllabus - Pathology and Genetics

UNIT - I (Pathology)

Introduction -

- Importance of the Study of pathology
- Definition and terms
- Cellular and Tissue changes
- Infiltration and Regeneration
- Inflammations and Infections
- Wound healing, Vascular changes

Cellular Growth Neoplasm's -

- Normal & Cancer Cell
- Benign and Malignant Growths.

UNIT - II (Clinical Pathology)

- Hemoglobin
- RBC, White Cell & Platelet counts
- Bleeding and clotting time, and prothrombin time
- Blood grouping and cross matching
- Blood culture
- Serological and immunological Tests
- Examination of Bone marrow

- Methods of collection of blood specimen for various clinical pathology, biochemistry, microbiology tests.

UNIT – III (Urine and Faeces)

Urine - Physical Characteristics

- Analysis
- Culture and Sensitivity

Faeces - Characteristics

- Stool Examination :- Occult blood, ova, parasite and cyst.
- Methods of collection for various tests inference and Normal values.

UNIT – IV (Introduction to Genetics)

- Practical application of genetics in Nursing.
- Review of cellular division mitosis and meiosis.
- Characteristics and structure of genes.
- Chromosomes – Sex determinations.

UNIT – V

(Maternal, Prenatal and genetic influence on development of defects and diseases)

- Consanguinity atopy
- Spontaneous abortion
- Neural tube defects and the role of folic acid in lowering the risk
- Down syndrome

Genetic Testing in the neonates. And children

- Congenital abnormalities, Gene therapy, Genetic counseling.

Reference Books :-

- The text book of pathology. Author Viswanath.
- The text Book of Genetics – Author Lakshmi

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Semester- II

B. Vocational Health Care & Nursing

Pathology and Genetics

Paper -5

Time : 3 hrs.

Max. Marks : 50

SECTION - A

I) Answer any TWO questions. Each one carries 10 Marks.

2 x 10 = 20

1. Define pathology. Write the importance of pathology in nursing.
2. Define Blood. Write the types of blood cells with diagrams and their deficiencies.
3. Define genes. Write about the characteristics and structure of genes.
4. Define consanguinity. Write about congenital malformations with explanations.

SECTION - B

II) Answer any FOUR Questions. Each one carries 5 marks.

4 x 5 = 20

1. Define infections and inflammations.
2. Define wound healing. Explain the stages of wound healing.
3. Define Bleeding and clotting time and prothrombin time.
4. Bone marrow examination.
5. Write about the chromosomes.
6. Practical application of genes in nursing.
7. Down's syndrome.
8. Neural tube defects.

SECTION - C

III) Answer any FIVE Questions. Each one carries 2 marks.

5 x 2 = 10

1. Define blood grouping.
2. Cellular and Tissue changes.
3. Define infiltration.
4. Difference between the benign and malignant cells.
5. Define Hemoglobin.
6. Define Blood culture.
7. Purpose of stool examinations.
8. Genetic counseling.

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Blue Table

This part is appropriate for

Year & Month	From 100 to 1000	1000 to 10000	10000 to 100000
Year I	100	100	100
Year II	100	100	100
Year III	100	100	100
Year IV	100	100	100
Year V		100	100

Appendix

The above table is prepared
 by the Department of
 Statistics, Government of
 India, for the purpose of
 illustrating the method of
 calculation of the index
 number.



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NARASAPUR - 534 275

B.VOC Health Care and Nursing

Semester - II

Syllabus - Community Health Nursing Theory 1 - Paper - VI (6)

UNIT - I

INTRODUCTION:-

- Community of health Nursing
- Determination of Health
- Promotion & Maintenance of Health

ENVIRONMENTS :-

- Air, light, Ventilation, water, Housing, Sanitation, Disposal of waste, Disposal of dead bodies, Noise.

FOOD HYGIENE :- Production preservation, purchase, prevention of food.

SOCIO - CULTURAL :-

- Customs - taboos
- Marriage system, Family structure

PHYSICAL ACTIVITY :-

- Recreation & Sleep
- Self Reliance
- Dietary pattern
- Education, Occupation

FINANCIAL MANAGEMENT :-

- Income

- Budget

UNIT - II

EPIDEMIOLOGY :-

- Definition, concept, aims and terminology used in epidemiology
- Morbidity and mortality
- Levels & Prevention

Methods and Epidemiology

- Descriptive
- Analytical
- Experimental

UNIT - III

Epidemiology and Nursing management of common communicable diseases

Respiratory Infections

- Small pox, chickenpox, Measles influenza, Rubella, ARI & Pneumonia mumps, Diphtheria.
- Whooping cough, meningitis
- Tuberculosis

Internal Infections

- Polimyelities
- Viral hepatitis, Cholera, Diarrhoea.
- Typhoid fever, food poisoning

Arthropod Infection

- Viral ; Dengue, Malaria and Filariasis
 - Radies yellow fever, japanese encephalitis.

Bacterial ; Brucellosis, plague, Anthrax

Surface Infection ; Trachoma, tetanus, leprosy, STD & RTI, HIV, AIDS

UNIT - IV

Epidemiology and Nursing Management of non communicable diseases.

Malnutrition : Under nutrition, over nutrition

Nutrition Deficiencies :

- Anemia
- Hypertension
- Stroke

Rheumatic : Heart disease, coronary heart disease, Cancer, Diabetes mellitus, Blindness, Accidents, Mental illness, Obesity, Iodine deficiency, flurosis.

UNIT - V

Demography

- Definition, Concept & Scope
- Methods of collection, Analysis
- Demographic Rates and Rations.

Population Control

- Population explosion and its impact on social, economics, development of individual society and country.

Population Controlling

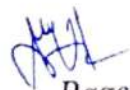
- Over all development, women empowerment social, economic and educational development.
- Small family norms
- Methods and family planning
- Emergency contraceptives.

Reference Books

The Text Book of "Park"

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Semester- II

B. Vocational Health Care & Nursing

Community Health Nursing Theory

Paper -6

Time : 3 hrs.

Max. Marks : 50

SECTION - A

- I) Answer any **TWO** questions. Each one carries 10 Marks. 2 x 10 = 20
1. Define Community Health Nursing. Write importance of Community Health Nursing in nursing field.
 2. Define epidemiology. Write the concepts, aims and principles of epidemiology.
 3. Define communicable diseases. Explain any two communicable diseases in our community.
 4. Define Non-communicable diseases. Explain the detailed about the Hypertension.

SECTION - B


- II) Answer any **FOUR** Questions. Each one carries 5 marks. 4 x 5 = 20
1. Define health & determinants of health.
 2. Define water pollution. Explain the water borne diseases.
 3. Define Mortality and Morbidity.
 4. Define prevention. Write the levels of prevention.
 5. Define tuberculosis. Explain in detailed about the signs and symptoms, management of Tuberculosis.
 6. Define vector borne diseases. Explain about the dengue fever.
 7. Define stroke. Explain the signs, symptoms and medical management of stroke.
 8. Define population. Write about the factors affecting the over population.

SECTION - C

- III) Answer any **FIVE** Questions. Each one carries 2 marks. 5 x 2 = 10
1. Define Noise pollution.
 2. Define health.
 3. Define epidemiology.
 4. Define causative agents of hepatitis-B.
 5. Define diabetes. Write the dietary management of diabetes.
 6. List out the respiratory tract infections.
 7. Define Anemia.
 8. Define family planning.

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B.VOC Health Care and Nursing

Semester - II

Community Health Nursing - Practical - II

Areas:-

- Urban
- Rural

Skills :-

- Use Techniques of interpersonal relationship
- Identification of health determination of community.
- History of taking
- Physical Examination
- Collect specimens - Sputum, Malaria smear
- Prefer simple lab tests at center
- Blood for Hemoglobin 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
- Health life style.

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Semester- II

B. Vocational Health Care & Nursing

Community Health Nursing - I

Practical Paper -2

Time : 3 hrs.

Total Marks : 100

Internal Marks : 25


Case Presentation: (At Mogaltur Community)

1. Kardex
2. Nurses Notes
3. History Collection
4. Physical Examination
5. Lab Investigation
6. Medication
7. Health Education
8. Nursing Diagnosis
9. Nursing Care Plans.

External Marks : 75 (At Mogaltur Community)

- | | | |
|----------------------|---|----|
| 1. Case Presentation | - | 25 |
| 2. Viva & Records | - | 10 |
| 3. Procedures | - | 10 |
| 4. Charts | - | 10 |
| 5. Behavioural Marks | - | 10 |
| 6. Personal Skills | - | 10 |

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Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit – I	01	02	02
Unit – II	01	02	02
Unit – III	01	02	01
Unit – IV	01	01	01
Unit – V	-	01	02

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B. VOC HEALTH CARE AND NURSING

3 Years Course

Second Year Syllabus:

SEMESTER-3

1. Psychology
2. Sociology
3. Medical Surgical Nursing-1 (Theory&Practical)
4. Community Health Nursing-2 (Theory&Practical)
5. Library Work

SEMESTER-4

1. Medical And Surgical Nursing-2 (Theory&Practical)
2. Mental Health Nursing (Theory&Practical)
3. Pharmacology
4. Computer Lab2
5. Co-Curricular Activities

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B.VOC Health Care and Nursing

Semester – III

Syllabus – Psychology – Paper - 7

UNIT – I

INTRODUCTION:

- Definition of Psychology & scope of psychology.
- Methods of psychology.
- Relevance to Nursing.

Biology of behavior:-

- Body mind relationship.
- Genetic and behavior: heredity and environment.
- Brain and behavior.
- Psychology of sensations.
- Muscular and glandular controls of behavior and Nature of behavior

UNIT - II

Cognitive, Motivation and emotional Process:-

- Cognitive processes:-
 - Attention: Types, determinants.
 - Perception: Meaning, principles.
 - Learning: Types, Factors influencing.
 - Memory: Meaning, types, factors influencing.
 - Thinking: Types and levels.
 - Intelligence: Concept, types.
 - Aptitude: Concept, types.

UNIT - III

Motivation and emotional processes :-

- Motivation: Meaning, concepts, types theories.
- Emotions and stress: definition, theories, emotional adjustments, emotions in health and illness.
- Stress: Stressors, cycle, adaptation and coping.

UNIT - IV

Personality :-

- Definitions, types, theories.
- Psychometric assessments of personality.
- Alterations in personality.
- Applications.

Developmental Psychology:

- Psychology of people at different ages from infancy to old age.
- Psychology of vulnerable individuals.
- Psychology of groups.

UNIT - V

Mental hygiene and mental health :-


- Concepts of mental hygiene and mental health.
- Characteristics of mentally healthy person.
- Warning signs of poor mental health.
- Ego defense mechanisms and implications.
- Role of Nurse.

Reference Books

Author; Sreevani. The textbook of Psychology.

Author; Neeraja. The textbook of Psychology

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Semester- III
B. Vocational Health Care & Nursing
Psychology
Paper -7

Time : 3 hrs.

Max. Marks : 50

SECTION - A

- I) Answer any **TWO** questions. Each one carries 10 Marks. 2 x 10 = 20
1. Definition of psychology. Write the scope and methods of psychology.
 2. Define learning. Write the factors and types of learning.
 3. Define motivation. Write the types, concepts and theories of motivation.
 4. Define mental health. Write the characteristics of an healthy individuals and warning signs of mentally poor person.

SECTION - B

- II) Answer any **FOUR** Questions. Each one carries 5 marks. 4 x 5 = 20
1. Importance of psychology in nursing.
 2. Explain the body – mind relationship.
 3. Define perception. Meaning and errors in perception.
 4. Define Intelligence. Write the concepts and types, I.Q. of various persons.
 5. Define stress. Explain the stress cycle.
 6. Define emotions. Write the theories of emotions.
 7. Explain the psychology of vulnerable groups.
 8. Explain the defense mechanism.

SECTION - C

- III) Answer any **FIVE** Questions. Each one carries 2 marks. 5 x 2 = 10
1. Define psychology.
 2. Define developmental psychology.
 3. Define factors affecting memory process.
 4. Define aptitude.
 5. Define stress.
 6. Explain the alterations in personality.
 7. What is mental hygiene?
 8. What is the meaning of ego?

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Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit – I	01	02	02
Unit – II	01	02	02
Unit – III	01	02	01
Unit – IV	01	01	01
Unit – V	-	01	02

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B.VOC Health Care and Nursing

Semester - III

Syllabus - Sociology-Paper-1

UNIT - I

Introduction:-

- Definition of Sociology
- Importance and application of sociology.

Individual Society :-

- Society and Community
- Nature of Society
- Difference between society and community

Culture:-

- Culture and socialization
- Nature of culture

Population:-

- Society and Population
- Family welfare Programme

Family and Marriage :-

- Family - Functions
- Types of family - joint, Nuclear
- Marriage - Functions

UNIT - II

Types of Communities in India (Rural, Urban, Regional) :-

- Features of village community and characteristics Indian villages - Panchayat system, Social dynamics.
- Community Development and project planning.

- Changes in India Rural life.
- Urban – Community – Features
- Major Urban problems – Urban slums

UNIT – III

Social Change :-

- Nature and process of social change.
- Factors influencing social change cultural change, cultural legs.

Social Organization and Social System :-

- Social Organization : Elements, types
- Social System : Definition and types of social system
- Voluntary associations?

UNIT - IV

Social Control :-

- Nature and process of social control
- Political, legal, Religious, Educational, Economic, Industrial and Technological systems.
- Norms & Values – Folk ways and mores customs, laws and fashion.

UNIT – V

Social Problems :-

- Social disorganization
- Control and planning : Poverty, housing.
- Illiteracy
- Food supplies
- Rights of women & Children
- HIV / AIDS
- Social welfare Programmes in India.

Reference Books :-

Author; Kdiyala. The textbook of Sociology

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Semester- III B. Vocational Health Care & Nursing Sociology-8 Paper -II

Time : 3 hrs.

Max. Marks : 50

SECTION - A

- I) Answer any **TWO** questions. Each one carries 10 Marks. 2 x 10 = 20
1. Define sociology. Write importance of sociology in nursing. 2 x 10 = 20
 2. Define community. write community development and project plannings.
 3. Define social system. Write types of social systems.
 4. Explain the social welfare programmes in India.

SECTION - B


- II) Answer any **FOUR** Questions. Each one carries 5 marks. 4 x 5 = 20
1. Define Family and functions of family. 4 x 5 = 20
 2. Difference between society and community.
 3. Changes in Indian Rural life.
 4. Major urban problems in India.
 5. Explain the social organisation and write the elements and types of social organisation.
 6. Explain the nature and process of social control.
 7. Explain the rights of women and children.
 8. Write the social welfare programme in India.

SECTION - C

- III) Answer any **FIVE** Questions. Each one carries 2 marks. 5 x 2 = 10
1. Define Sociology . 5 x 2 = 10
 2. Define Marriage.
 3. Explain the major problems of slums.
 4. Explain the factors influencing the cultural changes.
 5. Explain the types of social organization.
 6. Define the norms and values of folk ways.
 7. What is social change.
 8. What is social problem.

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Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit – I	01	02	02
Unit – II	01	02	02
Unit – III	01	02	01
Unit – IV	01	01	01
Unit – V	-	01	02

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B.VOC Health Care and Nursing

Semester – III

Paper- 9 – Syllabus – MEDICAL SURGICAL NURSING –

UNIT – I

INTRODUCTION:-

- Introduction to medical surgical nursing.
- Evolution and trends of medical surgical and nursing.
- Role of nurse, patient and family in care of adult patient.
- Introduction to medical surgical, asepsis, inflammation and infection, immunity, wound healing.

Common signs and symptoms and management:-

- Fluid and electrolyte imbalance.
- Vomiting.
- Dyspnea and cough.
- Fever.
- Shock, unconsciousness, syncope.
- Pain.
- Edema, incontinence.

UNIT - II

10 hours

Nursing management of patients (Adults including elderly) with respiratory problems:-

- Review of Anatomy and physiology of respiratory system.
- Etiology, pathophysiology, clinical manifestations diagnosis, treatment, medical, surgical and nursing management.

- Upper – respiratory tract infections.
- Bronchitis.
- Asthma.
- Emphysema.
- Atelectasis.
- COPD (Chronic obstructive pulmonary diseases).
- Pneumonia.
- Pulmonary tuberculosis.
- Lung abscess.
- Pleural effusion.
- Chest injuries.
- Respiratory arrest.
- Pulmonary embolism.

UNIT – III 10 hours

Nursing management of patient with blood and cardio vascular problems and digestive problems:-

- Review of anatomy and physiology of blood and cardio vascular system.
- Review of anatomy and physiology of digestive system.
- Etiology, pathophysiology, clinical manifestations, diagnosis, treatment modalities and surgical and nursing management of vascular system, heart, blood and digestive system.

Vascular system:- Hypertension, hypotension, atherosclerosis, peripheral vascular disorders.

Heart :-

- Coronary artery diseases: Ischemic heart disease, myocardial infarction.
- Valvular disorders:- Rheumatic heart disease.
- Endocarditis, pericarditis, myocarditis.
- Heart block, congestive cardiac failure:
 - Cor-pulmonale.
 - Pulmonary edema, cardiac shock.

Blood:-

- Thalassemia.
- Leukemia's.
- Blood transfusion, safety checks, procedure and requirements, management of adverse transfusion reaction.

Digestive system:-

- Disorders of digestive system:
 - Oral cavity – lips, gums, tongue, salivary glands and teeth.
 - Hernia, gastritis, peptic ulcer.
 - Enteritis, malabsorption.
 - Appendicitis.
 - Cirrhosis of liver, portal hypertension.
 - Inflammation of gall bladder.

UNIT - IV

10 hours?

Nursing management of patient with disorders of integumentary system, musculoskeletal system :-

Integumentary system:

- Review of anatomy and physiology of skin.
- Etiology, pathophysiology, clinical manifestation, diagnosis, treatment and medical, surgical and nursing management of disorders of skin and musculoskeletal system.
- Skin:
 - Dermatitis.
 - Arne vulgaris.
 - Allergies and eczema.
 - Psoriasis.
 - Malignant melanoma.
 - Alopecia.
- Musculoskeletal system:
 - Muscles, ligaments and joints – Inflammation infection, trauma.

- Bones – inflammation, infection, dislocation fracture, tumor and trauma.
- Arthritis.
- Spinal defects.
- Pagel's disease.

UNIT - V – 8 hours.

Nursing manage of patient with disorders of endocrine system and immunological problems:-

- Review of anatomy and physiology of endocrine system.
- Review of immune system.
- Etiology, pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical and nursing management of
 - Disorders of thyroid and parathyroid.
 - Diabetes mellitus.
 - Diabetes insipidus.
 - Pituitary disorders.
- Immune deficiency disorder.
- AIDS.
- Infection control program.
- Rehabilitation.

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Semester- III B. Vocational Health Care & Nursing Medical – Surgical Nursing - I Paper -9

Time : 3 hrs.

Max. Marks : 50

SECTION - A

- I) Answer any **TWO** questions. Each one carries 10 Marks. 2 x 10 = 20
1. Write about the medical surgical nursing. Discuss about the modern trends in Medical and Surgical Nursing.
 2. Define COPD. Write the etiology, patho physiology and nursing management.
 3. Define hypertension. Write the etiology, patho physiology and nursing management.
 4. Define diabetes. Write the types, etiology, patho physiology and nursing management.


SECTION - B

- II) Answer any **FOUR** Questions. Each one carries 5 marks. 4 x 5 = 20
1. Define shock and its management.
 2. Define role of nurse in medical and surgical wards.
 3. Write about the bronchitis and its management.
 4. Explain the pulmonary embolism.
 5. Write about the Rheumatic heart disease and its management.
 6. Define pulmonary edema.
 7. Write about the skin diseases and its management.
 8. Explain in detail about the AIDs and its management.

SECTION - C

- III) Answer any **FIVE** Questions. Each one carries 2 marks. 5 x 2 = 10
1. Define asepsis and role of nurse in infection control.
 2. What is dyspnoea?
 3. What is Asthma?
 4. Write the nursing management with psoriasis.
 5. What is Acne vulgaris.
 6. Define diabetes mellitus.
 7. What is Rehabilitation?
 8. What is the meaning of Alopecia.

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B.VOC Health Care and Nursing Semester – III MEDICAL SURGICAL NURSING : (Adult including Geriatrics) – 3 Practical

Areas

Time

- General medical ward (Respiratory, GI, Endocrine, Hematology).
- General surgical ward (GI, Urinary, CTVS).
- Cardiology ward.
- Skin & communicable diseases ward.
- Orthopedic ward.
- Operation theatre.
- **General Medical Ward:** taking history perform general and specific physical examination.
- Practices medical surgical asepsis – standard safety measures.
- Administer medications: oral, IV, IM Subcutaneous.
- IV cannulation.
- Oxygen therapy.
- Nebulization.
- Chest physiotherapy.
- Naso gastric feeding.
- Throat suctioning.
- Collect specimens for common investigations.
- Maintain elimination: catheterization, Bowel was, Enema, urinary drainage.

- Maintain intake, output documentation.


General Surgical Ward:-

- Pre-operative preparation of patient.
- Post-operative care – receiving patient assessment, monitoring care.
- Care of wounds and drainage.
- Suture removal.
- Ambulation and exercise.
- Nas gastric aspiration.
- **Cardiology Ward;** Physical Examination of the Cardiology patient.
- Monitoring of patients.
- ECG
- Administer cardiac drugs.

Orthopedic Ward:

- Assessment of orthopedic patients.
- Physiotherapy – Range of motion (ROM)
- Ambulation
- Teach and counsel patients and families.
- **Operation Theatre**
- Scrubbing, gowning, gloving.
- Identify instruments, suturing materials for common operations.
- Disinfection, carbalization, fumigation.
- Preparation of instrument sets for common operations.
- Sterilization of sharps and other instruments.
- Positioning and monitoring of patients.

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Semester- III

B. Vocational Health Care & Nursing

Medical and Surgical Nursing - I

Practical Paper -3

Time : 3 hrs.

Total Marks : 100

Internal Marks : 25


Case Presentation: (At Surgical Wards)

1. Kardex
2. Nurses Notes
3. History Collection
4. Physical Examination
5. Lab Investigations
6. Medication Charts
7. Nursing Diagnosis
8. Nursing Care Plans.
9. Health Education

External Marks : 75 (At Surgical Wards)

- | | | |
|----------------------|---|----|
| 1. Case Presentation | - | 25 |
| 2. Viva & Records | - | 10 |
| 3. Procedures | - | 10 |
| 4. Charts | - | 10 |
| 5. Behavioural Marks | - | 10 |
| 6. Personal Skills | - | 10 |

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B.VOC Health Care and Nursing

Semester – III

Paper-10 – Syllabus – COMMUNITY HEALTH NURSING THEORY-II - Paper - 10

UNIT - I

INTRODUCTION TO MANAGEMENT IN NURSING:-

- ✓ Definition, concept & scope of community health nursing.
- Pre and post independence.
- Health planning and policies and problems.
 - Natural health planning in India. Five Year Plans.
 - Central council for health and family welfare (CCH & FW).
 - Health problems in India.
 - National population policy.

UNIT - II

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 government at:
 - Village.
 - Sub centre.
 - PHC.
 - CHC.
 - Hospitals.
 - District
 - State.
 - Centre.

- Urban – Organization, staffing and functions of urban health services.
 - Slums.
 - Dispensaries.
 - Maternal and child health centre.
 - Special clinics.
 - Hospitals.
 - Corporation / municipality / board.
- Components of health services:-
 - Environmental sanitation.
 - Health education.
 - Vital statistics.
 - Family welfare.
 - National health programmes.

UNIT – III

Home Visit:-

- Concept, principles of home visit.
- Bag technique home visit.
- Qualities of community health nurse.

Assisting individuals and groups to promote and maintain their health:-

A) Assessment of self and family:

- Monitoring growth and development.
- Mile stone.
- Weight measurement.
- Social development.
- Temperature and blood pressure monitoring.
- Menstrual cycle.
- Breast self examination.
- Tests – Urine for sugar and albumin, blood sugar.

B) Seek health services for:

- Routine checkup.

- Immunization.
- Counseling, diagnosis, treatment.
- Follow-up.

UNIT – IV

National health and family welfare programmes and role of nurse:-

- National ARI programme.
- RNTCP.
- National anti-malaria programme.
- National filarial programme.
- National leprosy eradication programme.
- National AIDS control programme.
- National programme for control of blindness.
- Iodine deficiency disorder programme.
- Immunization programme.
- National family welfare programme.
- National water supply sanitation programme.
- 20 points programme.
- ICDS, ESI.
- Mid-day meal programme.

UNIT – V

Health Agencies:

International:- WHO, UNFPA, UNDP, World Bank, UNICEF, DANDIA, ILO, USAID, INESCO, Colombo Plan, CARE.

National:-

- Indian Red Cross.
- Indian Council of Child Welfare.
- Family PLANNING ASSOCIATION OF INDIA.
- Hindu Kusht Nivaran Sangh.

Reference Books:-


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Semester- III

B. Vocational Health Care & Nursing

Community Health Nursing II

Paper -10

Time : 3 hrs.

Max. Marks : 50

SECTION - A

- I) Answer any **TWO** questions. Each one carries 10 Marks. 2 x 10 = 20
1. Define Community Health Nursing. Write the concepts and scope of Community Health Nursing.
 2. Define PHC. Write the planning, budgeting and material management of PHC.
 3. Define home visiting. Write the concepts, principles and uses of home visiting.
 4. Write about Anti-malarial programme.

SECTION - B

- II) Answer any **FOUR** Questions. Each one carries 5 marks. 4 x 5 = 20
1. Health problems in India.
 2. Write about Five-year plans.
 3. Explain the sub centres.
 4. Explain the organization, staffing and functions of district hospitals.
 5. Explain the bag technique.
 6. Explain the breast – self examination.
 7. Elaborate the Immunization programme.
 8. Describe the Mid-day meal programme.

SECTION - C

- III) Answer any **FIVE** Questions. Each one carries 2 marks. 5 x 2 = 10
1. Definition of Community Health Nursing.
 2. Define health planning.
 3. Write about staffing pattern of CHC.
 4. Functions of rural health services.
 5. Qualities of community health nurse.
 6. Elaborate the RNTCP.
 7. Define Indian Red Cross.
 8. Describe the Hindu Kusht Nivaran Sangh.


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Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit - I	2 01	30/4 02	30/4 02
Unit - II	01	02	02
Unit - III	01	02	01
Unit - IV	01	01	01
Unit - V	-	01	02

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Semester – III Paper-W – Syllabus – COMMUNITY HEALTH NURSING –II (practical)

Areas	Skills to developed
Community Health Nursing	<ul style="list-style-type: none">• Community health survey.• Community diagnosis.• Family care: home adaptation of common procedures.• Home visit: Bag technique.• Organize and conduct clinics-antenatal, well baby clinic, camps.• Conduct delivery centre / home: episiotomy and suturing.• Resuscitate new born.• School health programme.• Provide family welfare services: insertion of IVD.• Counsel and teach individual family and community about : TB, Diabetes, hypertension, mental health.
Urban	<ul style="list-style-type: none">• Integrated practice and group project – 1 in each rural and urban.

List of Assignments:

1. Survey : Family folder (2 families).
 - Family care study.
 - Family roster (2 families)
2. Procedures: Vital signs, urine sugar & albumin, medication, malaria Smear, Sputum collection.
3. Health talk (1)
4. Administration of
5. Administration of medications.
6. Records and report.
7. Daily diary.


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Semester- III

B. Vocational Health Care & Nursing

Community Health Nursing - II

Practical Paper -4

Total Marks : 100

Time : 3 hrs.

Internal Marks : 25


Case Presentation: (At L.B.Cherla Community)

1. Kardex
2. Nurses Notes
3. History Collection
4. Physical Examination
5. Lab Investigations
6. Medication Charts
7. Nursing Diagnosis
8. Nursing Care Plans.
9. Health Education

External Marks : 75 (L.B.Cherla Community)

- | | | |
|----------------------|---|----|
| 1. Case Presentation | - | 25 |
| 2. Viva & Records | - | 10 |
| 3. Procedures | - | 10 |
| 4. Charts | - | 10 |
| 5. Behavioural Marks | - | 10 |
| 6. Personal Skills | - | 10 |

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B.VOC Health Care and Nursing

Semester - IV

Syllabus - MEDICAL SURGICAL NURSING - II (THEORY)-paper-11

Paper : 11

UNIT - I

NURSING MANAGEMENT OF PATIENT WITH DISORDERS OF EAR NOSE AND THROAT:-

- Review of Anatomy and physiology of the Ear Nose and throat.
- Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment and medical surgical and Nursing management.
- External Ear - Otagia
- Middle Ear - Impacted wave, mastoiditis.
- Inner Ear - labrinthitis
- Upper airway infections - common cold sinusitis
- Speech defects and speech therapy

UNIT - II

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, treatment and medical & surgical management of eye disorders:-
 - Refractive errors
 - Eyelids - infections
 - Conjunctiva - inflammation and infection, bleeding.
 - Cornea - inflammation & infection
 - Glaucoma


- Menstrual disorders : Dysmenorrhea, Amenorrhea, pre menstrual syndrome
- Abnormal uterine bleeding : menorrhagia
- Pelvic inflammatory disease
- Contraception – types, methods, risk and effectiveness.
- Spacing methods
- Terminal methods
- Sterilization
- Emergency contraception methods.
- MTP Act

UNIT – V

NURSING MANAGEMENT OF PATIENT WITH BURNS, AND EMERGENCY DISASTER MANAGEMENT?

- Review of Anatomy and physiology of the skin and connective his tissue.
- Nursing Assessment – History and physical assessment and electrolyte loss.
- Etiology, classifications, pathophysiology clinical manifestations, diagnosis, treatment medical, surgical and Nursing management.
- Emergency Disaster :
- Disaster Nursing - Concept and principles of disaster nursing.
- Causes and types of disaster : Natural and man mad.
 - Earthquakes, floods, Epidemics, cyclones, Fir, accidents.
- Emergency
 - Respiratory emergency
 - Cardiac emergency
 - Obstetrical emergency.

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Semester- IV

B. Vocational Health Care & Nursing

Medical Surgical Nursing II

Paper -II

Time : 3 hrs.

Max. Marks : 50

SECTION - A

- I) Answer any **TWO** questions. Each one carries 10 Marks. 2 x 10 = 20
1. Define Otagia? Write etiology, Pathophysiology, clinical manifestations of otalgia with nursing management?
 2. Write about the anatomy & physiology of eye? Explain the etiology, patho physiology and treatment of eye disorders.
 3. Write review anatomy & physiology of Nervous system write the etiology, pathophysiology clinical manifestastations of Neural tube defects.
 4. Write about the menstrual disorders and its management.


SECTION - B

- II) Answer any **FOUR** Questions. Each one carries 5 marks. 4 x 5= 20
1. Describe the upper airway infections?
 2. Write about the labyrinthitis?
 3. Explain the refracture errors?
 4. Explain the glaucoma and its management?
 5. Explain the Head injuries and its management?
 6. Describe the meningitis?
 7. Explain the MTP Act?
 8. Describe the cardiac emergencies.

SECTION - C

- III) Answer any **FIVE** Questions. Each one carries 2 marks. 5 x 2= 10
1. What is Sinusitis.
 2. List out the types of speech defects.
 3. List out the corneal infections.
 4. Explain the eyelid infections.
 5. Explain the paraplegia, and Hemiplegia.
 6. Nursing management for encephalitis.
 7. Explain the Terminal methods of contra captions.
 8. Explain the Earth quakes.

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Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit – I	01	02	02
Unit – II	01	02	02
Unit – III	01	02	01
Unit – IV	01	01	01
Unit – V	-	01	02

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B.VOC Health Care and Nursing

Semester – IV

MEDICAL SURGICAL NURSING –II (Practical)-paper- 5

Areas	Skills to be developed
ENT	<ul style="list-style-type: none">• Perform examination of ear, nose and throat• Assist with diagnostic procedures• Instillation of drops• Apply ear bandage• Teach patient and families.
Ophthalmology	<ul style="list-style-type: none">• Perform examination of Eye• Assist with diagnostic procedures• Assist with diagnostic procedures• Apply eye bandage• Apply eye drops / ointments• Developing evidence based Nursing practice• Teach patient & families
Neurology	<ul style="list-style-type: none">• Perform Neurological Examination• Use Glasgow coma scale• Assist with diagnostic procedures• Teach patient and families• Assist with therapeutic procedures• Participate rehabilitation programme
Gynecology ward	<ul style="list-style-type: none">• Assist with gynecological examination• Assist with diagnostic procedures• Assist with therapeutic procedures• Teach patients families• Assist with PAP smear collections
Burns Unit	<ul style="list-style-type: none">• Assessment of the burns unit• Percentage of burns• Degree of burns• Fluid and electrolyte replacement therapy<ul style="list-style-type: none">– Assess– Calculate– Replace

	<ul style="list-style-type: none"> • Care of Burn wounds <ul style="list-style-type: none"> - Bathing - Dressing
Critical care unit	<ul style="list-style-type: none"> • Monitoring of Patients in ICU • Care of patients on Ventilators • Perform Endotracheal suction • ABG Analysis • Assist with Arterial puncture • Pulse oximetry • CPR – ALS • Defibrillators • Bag – Mask ventilation • Emergency trolley, crash cart • Administration of drugs • Chest physiotherapy
Medical ward Surgical Ward Critical care unit Causality Emergency O.T. EY, ENT, Neuro	Integrated practice

List of Clinical Assignment:

1. Reports
 - ENT OT
 - Burns OT
 - Ophthalmic – OT
 - Disaster Nursing
2. Nursing Care Plan – 5
3. Case study – 2
4. Clinical Presentation – 2
5. Health Talk – 1
6. Daily diary – 1
7. Article Record

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Semester- IV

B. Vocational Health Care & Nursing

Medical Surgical Nursing - II

Practical Paper -5

Time : 3 hrs.

Total Marks : 100

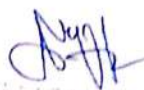
Internal Marks : 25

Case Presentation: (At Medical Wards)

1. Kardex
2. Nurses Notes
3. History Collection
4. Physical Examination
5. Lab Investigations
6. Medication Charts
7. Nursing Diagnosis
8. Nursing Care Plans.
9. Health Education

External Marks : 75 (At Medical Wards)

- | | | |
|----------------------|---|----|
| 1. Case Presentation | - | 25 |
| 2. Viva & Records | - | 10 |
| 3. Procedures | - | 10 |
| 4. Charts | - | 10 |
| 5. Behavioural Marks | - | 10 |
| 6. Personal Skills | - | 10 |


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B.VOC Health Care & Nursing Course - Semester-4
(Paper-2) - Mental Health Nursing- Theory- Syllabus

- Paper - 12

UNIT - 1

Introduction:

- Definition of mental health nursing
- Prevalence and incidence of mental health problems and disorders
- Mental Health Act
- National mental health policy. 358pg
- National mental health programme. 358pg
- Mental health team 36pg
- Nature and scope of mental health nursing
- Concepts of normal and abnormal behavior
- Classification of mental disorders : ICD and groups: stress, crisis and disaster

UNIT - 2

Assessment of Mental Health Status:

- History taking
- Mental status examination
- Mini mental status examination
- Neurological examination review
- Investigations: related blood chemistry, ECG & MRI
- Psychological tests
- Role and responsibilities of nurse

Therapeutic Communication and Nurse-pattern Relationship:

- Therapeutic communication: types, techniques, characteristics
- Types of relationship
- Review of technique of IPR-Johari Window

UNIT – 3

Treatment Modalities and Therapies used in Mental Disorders:

- Psycho Pharmacology
- Alternative systems of medicine
- Occupational therapy
- Physical therapy: electro convulsive therapy
- Geriatric considerations
- Role of nurse in above therapies

Nursing Management of Patient with Schizophrenia, and other Psychotic Disorders:

- Treatment modalities and nursing management of patients with schizophrenia, and other psychotic disorders
- Follow-up and home care and rehabilitation

UNIT – 4

Nursing Management of Patients with Mood Disorders:

- Mood disorders: Bipolar affective disorder, Mania depression and dysthymia etc
- Etiology, psycho-pathology, clinical manifestations, diagnosis
- Treatment modalities and nursing management of patients with mood disorders

Nursing Management of Patients with Neurotic, Stress Related and Somatization Disorders:

- Anxiety disorder, phobia, obsessive compulsive disorder.
- Nursing assessment-history, physical and mental assessment
- Follow-up and home care and rehabilitation
- Geriatric considerations
- Follow-up and home care and rehabilitation.

UNIT – 5

Nursing Management of Childhood and Adolescent Disorder Including Mental Deficiency:

- Classification
- Etiology, psycho-pathology, characteristics, diagnosis
- Nursing assessment-history, physical and mental and IQ assessment
- Treatment modalities and nursing management of childhood and adolescent disorders including mental deficiency:
- Follow-up and home care and rehabilitation

Nursing Management of Organic Brain Disorders:

- Classification: ICF?

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Semester- IV

B. Vocational Health Care & Nursing

Mental Health Nursing

Paper -12

Time : 3 hrs.

Max. Marks : 50

SECTION - A

- I) Answer any **TWO** questions. Each one carries 10 Marks. 2 x 10 = 20
1. Define mental health nursing and write about mental health team.
 2. Explain the mental status examination.
 3. What is psycho pharmacology? Write about the Electro convulsive therapy.
 4. Explain the mood disorders? Write the etiology, clinical manifestation of mood disorders?

SECTION - B

- II) Answer any **FOUR** Questions. Each one carries 5 marks. 4 x 5= 20
1. Nature and scope of mental health nursing.
 2. Mental health Act.
 3. Mini mental status examination.
 4. Rde of nurse in psychiatric ward.
 5. Treatment modalities in patient with schizo phrenia.
 6. Occupational therapy.
 7. Obsessive compulsive disorders.
 8. Nursing management in Organic Brain disorders.

SECTION - C

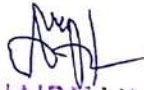
- III) Answer any **FIVE** Questions. Each one carries 2 marks. 5 x 2= 10
1. Define mental health nursing.
 2. Define crisis.
 3. Explain Neurological Examination.
 4. Explain briefly abut ECT.
 5. Clinical manifestations of sehizophrenia.
 6. Write the types of phobias.
 7. What is IQ.
 8. What is mental retardation.

Blue – Print

Blue print for question paper setters.

Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit – I	01	02	02
Unit – II	01	02	02
Unit – III	01	02	01
Unit – IV	01	01	01
Unit – V	-	01	02

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B.VOC Health Care & Nursing Course

Semester-4

Mental Health Nursing(Paper-2)- Practical - 6

Psychiatric OPD,

Child Guidance clinic,

Inpatient ward, community psychiatry.

Skills to be Developed:

Psychiatric OPD:

- History taking
- Perform mental status examination (MSB)
- Assist in Psychometric assessment
- Perform Neurological examination
- Teach patients and family members

Child Guidance Clinic:

- History taking
- Perform Neurological examination
- Observe and assist in various therapies
- Teach family and significant others

Inpatient Ward:

- History taking
- Perform mental status examination (MSB)
- Perform Neurological examination
- Administer medications
- Assist in Electroconvulsive therapy (ECT)
- Conduct admission and discharge counseling

Assignments:

- History taking and mental status examination-2
- Health education – 1
- Observation report of OPD, field visits

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Semester- IV

B. Vocational Health Care & Nursing

Mental Health Nursing

Practical Paper -6

Time : 3 hrs.

Total Marks : 100

Internal Marks : 25

Case Presentation: (At Santhi Psychiatric Hospital, Bhimavaram)

1. Kardex
2. Nurses Notes
3. History Collection
4. Physical Examination
5. Lab Investigations
6. Medication Charts
7. Nursing Diagnosis
8. Nursing Care Plans.
9. Health Education

External Marks : 75 (At Santhi Psychiatric Hospital, Bhimavaram)

- | | | |
|----------------------|---|----|
| 1. Case Presentation | - | 25 |
| 2. Viva & Records | - | 10 |
| 3. Procedures | - | 10 |
| 4. Charts | - | 10 |
| 5. Behavioural Marks | - | 10 |
| 6. Personal Skills | - | 10 |


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NARASAPUR - 534 275

B.VOC Health Care and Nursing

Semester - IV

Syllabus - PHARMACOLOGY - Paper - I - 13

UNIT - I

General Pharmacology :-

- Sources of drugs
- Routes of drug administration
- Pharmacokinetics : Absorption, Distribution, metabolism, Interaction & Excretion
- Pharmacodynamics

Chemotherapy :- (Dose, Administration, Pharmacological effects, Toxicity, role of Nurse)

- Penicillin's and cephalosporin's.
- Sulfonamides and Co-Trimaxazole
- Antitubercular drugs
- Broad spectrum Antibiotics
- Chemotherapy of Cancer
- Chemotherapy of Urinary tract infections.
- Chemotherapy of leprosy
- Antifungal and antiviral agents
- Drugs for protozoal infections
- Anti malarial
- Anti helminthic drugs
- Antiseptics & Disinfectants.

UNIT - II

Drugs of GIT and Respiratory system

GIT (Gastro Intestinal Tract)

- Drugs used in peptic ulcer
- Emetics & Antiemetics
- Drugs in constipation (purgatives)
- Drugs used in the treatment of Diarrheas'.

Respiratory System

- Drugs for Bronchial Asthma.
- Anti Tussives

UNIT - III

Drugs of Central Nervous System and Cardio Vascular System

Central Nervous System :-

- General Anesthetics
- Local Anesthetics
- Analgesics and Antipyretics
- Anti epileptic drugs
- Non-Steroidal Anti inflammatory drugs.
- Hypnotics & Sedatives : Opiod & nonopiod
- Anti Psychotics
- Anti depressant

Cardiovascular System

- Diuretics
- Drugs for congestive heart failure
- Drugs of hypertension
- Blood : Oral Anticoagulants.

UNIT - IV

Vaccine & Sera Vitamins & Mineral :-

- Vaccine & Sera
- Vitamins, Minerals ; Vitamin A, B Complex, Vitamin D, Vitamin K, Vitamin 'C'
- Minerals : Iron, Zinc

Drugs for Hormonal disorders :

- Hormonal contraption, ovulations inducers, oxytocin, tocolytics.
- Insulin, Oral hypoglycemic drugs
- Anti thyroid drugs
- Drugs effecting calcium balance.
- Prostaglandins.

UNIT - V

Toxicology:-

- Treatment of poisoning (Toxicology)
- Drugs of organophosphorous poisoning
- Heavy metal intoxication (chelating agents)

Dermatology, Ear, Nose & Eye

- Drugs used in the treatment of eye diseases : eye ointments, sub conjunctival injections, drugs of glaucoma and miotics, Anesthetics miscellaneous agents & the nose (brief)

Reference Books :-

- The textbook of pharmacology Author - Murgesh
- The text book of principles of Pharmacology published by Frontline, prescribed Author shobhana mathur.

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Semester- IV

B. Vocational Health Care & Nursing

Pharmacology

Paper -13

Time : 3 hrs.

Max. Marks : 50

SECTION - A

II) Answer any **TWO** questions. Each one carries 10 Marks. 2 x 10 = 20

1. Define pharmacokinetics? List out the drugs for tuberculosis.
2. Write the drugs for Bronchial Asthma? Explain the does, administration, metabolism and excretions of Bronchial Asthma drugs?
3. List out the Non-Steroidal Anti-Inflam matory drugs?
4. Describe the drugs for poisoning?

SECTION - B

II) Answer any **FOUR** Questions. Each one carries 5 marks. 4 x 5= 20

1. Explain the sources of drugs?
2. Describe the Routes of administration?
3. Explain Antimalarial drugs?
4. Define pencilin and cephalo sporines?
5. Explain Drugs used in peptic ulcers?
6. Explain about the Analgesics and antipyretics?
7. Describe the prostaglandins?
8. Explain the Heavy metal intoxication?

SECTION - C

III) Answer any **FIVE** Questions. Each one carries 2 marks. 5 x 2= 10

1. Define Pharmacology?
2. Explain pharmacology namics?
3. List out any Broad spectrum Antibiotics?
4. What is emetics and anti emetics?
5. What is Jussives?
6. Define psychotics?
7. What is vaccines and serce?
8. List out any two anti thyroidal drugs?

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Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit – I	01	02	02
Unit – II	01	02	02
Unit – III	01	02	01
Unit – IV	01	01	01
Unit – V	-	01	02

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B.VOC HEALTH CARE AND NURSING 3 Years Course

Third Year Syllabus :


SEMESTER- 5

1. Midwifery and Obstetrical Nursing -1 (Theory & Practical)
2. Child Health Nursing (Theory & Practical)
3. Communication and Education Technology
4. Library Work/Self Study
5. Environmental Studies

SEMESTER- 6

1. Midwifery and Obstetrical Nursing-2 (Theory & Practicl)
2. Nursing Research and Statistics
3. Management Of Nursing Services
4. Internship (Integrated Project)
5. Project Work

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B.VOC Health Care & Nursing Course - Semester-5
(Paper-1)-MIDWIFERY AND OBSTETRICAL NURSING - 1 - Syllabus

Paper - 1A

UNIT - 1

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, Role of nurse in midwifery and obstetrical care, National policy and legislation in relation to maternal health and welfare, maternal, morbidity, mortality.

UNIT - 2

Review of Anatomy and Physiology of Female Reproductive System and Foetal Development:

- Female pelvis – general description of the bones, joints, ligaments, diameters of the true pelvis, important landmarks.
- Female organs of reproduction – external genitalia, internal genital organs and their anatomical relations, musculature – blood supply, nerves.
- Physiology of menstrual cycle
- foetal development, conception
- Review of fertilization, the foetal sac, amniotic fluid, the umbilical cord.
- Foetal circulation, foetal skull, bones .

UNIT - 3

Assessment and Management of Pregnancy (Antenatal):

- Normal pregnancy
- Physiological changes during pregnancy.
- Diagnosis of pregnancy: sings, differential diagnosis.
- Antenatal care: history and physical examination, antenatal examination.
- Screening and assessment for high risk
- Modalities of diagnosis; invasive & non-invasive, ultrasonics, cardio tomography, NST, CST
- Antenatal preparation: antenatal diet, education for child

UNIT-4

Assessment and Management of Intra-natal Period:

- Physiology of labour, mechanism of labour

• Management of labour: First stage:

signs and symptoms of onset of labour;

preparation of labour room: assessment and observation of women in labour, partogram – maternal and foetal monitoring, active management of labour, induction of labour.

• Second stage:

signs and symptoms; normal and abnormal, duration, conduct of delivery.

principles and techniques, episiotomy (only if required), receiving the new born – care of umbilical cord, immediate assessment including screening for congenital anomalies, identification, bonding, initiate feeding.

□ Third stage:

signs and symptoms: method of placental expulsion.

Management: Placental expulsion, principles and techniques, examination of the placenta, examination of the perineum


- Maintaining record and reports
- Fourth stage

UNIT – 5

Assessment and Management of Women During Post Natal Period:

- Normal puerperium; physiology duration
- Postnatal assessment and management: promoting physical and emotional well-being, lactation management, immunization
- Family welfare services: methods, counseling
- Follow-up
- Records and reports

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Semester- V

B. Vocational Health Care & Nursing

Midwifery and Obstetrical Nursing-I

Paper -14

Time : 3 hrs.

Max. Marks : 50

SECTION - A

- I) Answer any **TWO** questions. Each one carries 10 Marks. 2 x 10 = 20
1. List out the modern trends in Midwifery and Obstetrical nursing.
 2. Explain in detailed about the female reproductive system.
 3. Explain the screening and assessments for high risk pregnancies.
 4. Write the definition of labour. Explain in detailed about the stages of labour and its management.

SECTION - B

- II) Answer any **FOUR** Questions. Each one carries 5 marks. 4 x 5 = 20
1. Write the role of nurse in midwifery.
 2. Write about the national policies and legislations related to maternal health and welfare.
 3. Explain the female pelvis with labeled diagram.
 4. Define fetal circulation. Explain in detailed about the fetal circulation.
 5. Write the short notes on Antenatal care.
 6. Explain the Normal physiological changes in pregnancy.
 7. Explain the management of third stage.
 8. Write the assessment and management post natal mother.

SECTION - C

- III) Answer any **FIVE** Questions. Each one carries 2 marks. 5 x 2 = 10
1. Define midwifery.
 2. Define mortality and morbidity.
 3. List the bones in female pelvis.
 4. Define fertilization.
 5. Define NST and CST.
 6. Define Antenatal period.
 7. What are the stages of labour?
 8. Define puerperium.


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Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit – I	01	02	02
Unit – II	01	02	02
Unit – III	01	02	01
Unit – IV	01	01	01
Unit – V	-	01	02

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B.VOC Health Care & Nursing Course - Semester-5
(Paper-1)-MIDWIFERY AND OBSTETRICAL NURSING - I- (Practical) = 17

Areas :

- Antenatal Clinic/OPD
- Labour room O.T
- Post natal ward
- Newborn nursery
- Family planning clinic

Objectives :

- Counsel and teach mother family for parenthood
- Provide nursing care to newborn at risk
- Counsel for and provide family welfare services
- Assessment of pregnant women
- Assess woman in labour
- Carry out per-vaginal examinations
- Conduct normal deliveries
- Perform episiotomy and suture it
- Resuscitate newborns
- Assist with Caesarean sections, MTP and other surgical procedures

Skills to be developed

Antenatal Clinics/OPD:

- Antenatal history taking
- Physical examination
- Physical examination
- Recording of Weight & B.P
- Hb & Urine testing for sugar and albumin
- Antenatal examination – abdomen and breast
- Immunization
- Assessment of risk status
- Teaching antenatal

Labour Room O.T.:

- Assessment of woman in labour
- Pervaginal examinations and interpretation

- Monitoring and caring of woman in labour
- Maintenance of partograph
- Conduct normal delivery
- Newborn assessment and immediate care
- Resuscitation of newborns
- Assessment of risk status of newborn
- Episiotomy and suturing
- Maintenance of labour and birth records
- Arrange for and assist with Caesarean section and care for woman & baby during Caesarean
- Arrange for and assist with MTP and other surgical procedures

Postnatal Ward:

- Examination and assessment of mother and baby
- Perineal care
- Lactation management
- Breast feeding
- Baby bath
- Immunization
- Teaching postnatal mother : mother craft, post natal care & immunization

Family Planning Clinic:

- Counseling technique
- Insertion of IUD
- Teaching on use of family planning methods
- Arrange for an assist with family planning operations

Assignments:

- Conduct antenatal Examination – 10
- Case book recording
- Conduct normal deliveries - 5
- Pervaginal examinations – 2
- Perform and suture the episiotomies – 3
- Resuscitate newborns – 3
- Assist with Caesarean sections – 2
- Witness abnormal deliveries – 2
- Assist with MTP and other surgical procedures – 1
- Give care to post natal mother - 10
- Health talks/Case study/Case presentation/Observation study – 1
- IUD insertion - 3
- Counselling - 2

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Semester- V B. Vocational Health Care & Nursing Midwifery and Obstetrical Nursing-1 Practical Paper - 7

Time : 3 hrs.

Total Marks : 100

Internal Marks : 25

Case Presentation: (At Aswani Maternity Hospital)

1. Kardex
2. Nurses Notes
3. History Collection
4. Physical Examination
5. Lab Investigations
6. Medication Charts
7. Health Education
8. Nursing Diagnosis
9. Nursing Care Plans.

External Marks : 75 (At Aswani Maternity Hospital)

- | | | |
|----------------------|---|----|
| 1. Case Presentation | - | 25 |
| 2. Viva & Records | - | 10 |
| 3. Procedures | - | 10 |
| 4. Charts | - | 10 |
| 5. Behavioural Marks | - | 10 |
| 6. Personal Skills | - | 10 |

Blue – Print

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Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit – I	01	02	02
Unit – II	01	02	02
Unit – III	01	02	01
Unit – IV	01	01	01
Unit – V	-	01	02

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B.VOC Health Care & Nursing Course -Semester-5
(Paper-2)-Child Health Nursing - Syllabus

Paper-15

UNIT – 1

Introduction:

- Modern concepts of child care
- Internationally accepted rights of the child
- National programmes related to child health and welfare
- Agencies related to welfare services to the children
- Child morbidity and mortality rates
- Differences between an adult and child
- The role of a child health nurse in caring for a hospitalized child

UNIT – 2

The Healthy Child:

- Principles of growth and development
- Factors affecting growth & development
- Growth and development from birth to adolescence
- Nutritional needs of children & infants: breast feeding, exclusive breast feeding supplementary/artificial feeding and weaning
- Baby friendly hospital concept
- Accidents: causes and prevention

UNIT – 3

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 & nursing management of common congenital malformations

UNIT – 4

Integrated Management of Neonatal and Childhood Illness (IMNCI) .

Nursing Management in Common Childhood Diseases:


- Nutritional deficiency disorders
- Respiratory disorders and infections
- Gastrointestinal infections, infestations and congenital disorders
- Cardio vascular problems: congenital defects and rheumatic fever, rheumatic heart disease
- Genito-urinary disorders
- Neurological infections and disorders: convulsions, epilepsy, meningitis, hydrocephalus, spina-bifida

UNIT – 5

Management of Behavioral & Social Problems in Children:

- Management of common behavioral disorders
- Management of common psychiatric problems
- Management of challenged children: Mentally, Physically & Socially challenged
- Welfare services for challenged children in India.
- Child guidance clinics

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Semester- V B. Vocational Health Care & Nursing Child Health Nursing Paper -15

Time : 3 hrs.

Max. Marks : 50

SECTION - A

- I) Answer any **TWO** questions. Each one carries 10 Marks. 2 x 10 = 20
1. Write the role of child health nurse in caring for hospitalized child.
 2. Define growth. Factors affecting growth and development.
 3. Define Kangaroo mother care. Write nursing management of a low birth weight baby.
 4. Write the congenital malformations. Explain the nursing management of child with cardio – vascular problems.

SECTION - B

- II) Answer any **FOUR** Questions. Each one carries 5 marks. 4 x 5= 20
1. Write about the national programmes related to child health and welfare.
 2. List out the modern trends in pediatrics.
 3. Explain the growth and development from birth to adolescence.
 4. Explain baby friendly hospital.
 5. Write about the Neonatal resuscitation.
 6. Explain in detailed about the organization of Neonatal unit.
 7. List out the Neurological defects. And its management.
 8. Discuss about the welfare services for challenged children in India.

SECTION - C

- III) Answer any **FIVE** Questions. Each one carries 2 marks. 5 x 2= 10
1. Write the international accepted rights of the child.
 2. Define Morbidity and mortality rates.
 3. Write about feeding and weaning.
 4. Write the prevention of accidents.
 5. Explain the new born care.
 6. List out the Nutritional deficiency disorders.
 7. Define hydrocephalus.
 8. What are the common behavioral disorders of the child.

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B.VOC Health Care and Nursing

Semester – V

Syllabus – Communication & Education Technology-Paper-16

UNIT – I

Review of Communication Process:-

- Process : Elements and channel
- Barriers and methods of overcoming.
- Application of evidenced - based Nursing practice on barriers and methods of communication (Group assignments)

Interpersonal Relationship

- Purpose & Types
- Johari window

Human Relations

- Understanding self
- Social behavior, motivation, social attitudes.
- Human relations in context of nursing
- Group dynamics
- Incorporation of evidence – based nursing education in understanding human relation (Small group assignment)

UNIT - II

Guidance and Counseling:-

- Definition
- Purpose, Scope and need
- Counseling process

- Managing disciplinary problems
- Management of crisis
- Development and apply evidence based practice in guidance and counseling (Group interaction)

UNIT – III

Principles of Education & Teaching learning Process :-

- Education : Meaning, Philosophy, aims, Functions & Principles.
- Characteristics of learning
- Lesson planning
- Classroom management
- Demonstrate evidence – based nursing in teaching learning process (Group assignment)

UNIT – IV

Method of Teaching

- Lecture, demonstration, group discussion seminar, symposium, panel discussion Role play, project, field trip, workshop, exhibition.
- Clinical Teaching methods : Case method, Nursing rounds & Report, bedside clinic, conference.
- Demonstration of all methods of teaching and role play.
- Educational Media :
 - Purposes & types of A.v. aids
 - Graphic aids : Chalk board, chart, graph, poster, flash cards
 - Printed aids : pamphlets & leaflets
 - Projected aids : slides, over head projectors, films, TV, VCR/ VCD, camera
 - Computer
- Application of evidence – based Nursing practice in use of A.V. aids (Group presentation)

UNIT – V


Information, Education & Communication For health (IEC):

- Health behavior & health Education
- Planning for health education
- Health education with individuals, groups, communities.
- Using mass media
- Identify, demonstration and practice of evidence – based Nursing education in IEC (Group assignment)

Reference Books :

Author; Sharma.The textbook of Communication and Education Technology.

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Semester- V

B. Vocational Health Care & Nursing
Communication & Education Technology

Paper -16

Time : 3 hrs.

Max. Marks : 50

SECTION - A

- I) Answer any **TWO** questions. Each one carries 10 Marks. 2 x 10 = 20
1. Define communication process and write the methods of communication.
 2. Define guidance and counseling and explain counseling process.
 3. Explain in detailed about the teaching learning process.
 4. Write about nursing rounds and report, bed side clinic and role of nurse in nursing rounds.

SECTION - B

- II) Answer any **FOUR** Questions. Each one carries 5 marks. 4 x 5 = 20
1. Write about barriers and methods of overcoming.
 2. Johari window.
 3. Write about counseling process.
 4. Write the management of crisis.
 5. Define characteristics of learning.
 6. Write about role play.
 7. Write the purpose and types of A.V. aids.
 8. Write about mass media.

SECTION - C

- III) Answer any **FIVE** Questions. Each one carries 2 marks. 5 x 2 = 10
1. Write about interpersonal relationship.
 2. Define group dynamics.
 3. Define crisis.
 4. Write the principles of education.
 5. Write the purposes and types of A.V. aids.
 6. Write the graphic aids.
 7. IEC
 8. Write about planning for health education.


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Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit – I	01	02	02
Unit – II	01	02	02
Unit – III	01	02	01
Unit – IV	01	01	01
Unit – V	-	01	02

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B.VOC Health Care & Nursing Course - Semester-5
(Paper-2)- Child Health Nursing - Practical - 8

Areas:

Pediatric Surgery Ward.

Pediatric OPD/Immunization room.

Pediatric Medicine and Surgery ICU.

Skills:

Pediatric Medicine Ward:

- Taking pediatric history
- Physical examination and assessment of children
- Administer oral, I/M & IV medicine/fluids
- Calculation of fluid requirements
- Prepare different strengths of I.V. fluids
- Apply restraints
- Administer Oxygen inhalation by different methods
- Give baby bath
- Feed children by kotare spoon, etc
- Teach mothers/parents: malnutrition, oral rehydration therapy, feeding & Weaning,
- Immunization schedule, play therapy, specific disease conditions

Pediatric Surgery Ward:

- Calculate, prepare and administer I/V fluids
- Feeding: naso-gastric, gastrostomy, jejunostomy
- Care of surgical wounds: dressing, suture removal
- Assessment of children: health assessment, developmental assessment, anthropometric assessment
- Immunization

- Health/nutritional education

Pediatric OPD/Immunization Room:

- Assessment of children: Health assessment, Developmental assessment, Anthropometric assessment
- Immunization
- Health/Nutritional Education


Pediatric Medicine and Surgery ICU:

- Care of a baby in incubator/warmer
- Care of a child on ventilator
- Endotracheal suction
- Chest physiotherapy
- Administer fluids with infusion pump
- Phototherapy
- Monitoring of babies
- Cardio pulmonary resuscitation

Assignments:

- Give care to three assigned pediatric surgical patients
- Nursing care plan – 1
- Case study/presentation/health talk/developmental study – 1
- Observation report

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Semester- VI

B. Vocational Health Care & Nursing

Child Health Nursing

Practical Paper -8

Time : 3 hrs.

Total Marks : 100

Internal Marks : 25

Case Presentation: (At Aswani Hospital)

1. Kardex
2. Nurses Notes
3. History Collection
4. Physical Examination
5. Lab Investigations
6. Medication Charts
7. Health Education
8. Nursing Diagnosis
9. Nursing Care Plans.

External Marks : 75 (At Aswani Hospital)

- | | | |
|----------------------|---|----|
| 1. Case Presentation | - | 25 |
| 2. Viva & Records | - | 10 |
| 3. Procedures | - | 10 |
| 4. Charts | - | 10 |
| 5. Behavioural Marks | - | 10 |
| 6. Personal Skills | - | 10 |

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NARASAPUR-534275

B.VOC Health Care & Nursing Course - Semester-6 *Paper-17*
(Paper-1)-MIDWIFERY AND OBSTETRICAL NURSING-2 – Theory-Syllabus

UNIT – 1

High-Risk Pregnancy- Assessment & Management :

- Screening and Assessment : NST, CST, non-invasive & invasive, newer modalities of diagnosis
- High risk approach
- Levels of care : Primary, secondary & tertiary levels
- Disorders of Pregnancy :
 - Hyper-emesis gravidarum.
 - Bleeding in early pregnancy.
 - Abortion, ectopic pregnancy.
 - Ante-partum hemorrhage:
- Multiple pregnancy
- Abnormalities of placenta & cord
- Intra-uterine growth retardation
- Nursing management of mother with high-risk pregnancy
- Maintenance of reports and.

UNIT – 2

Abnormal Labour – Assessment and Management :

- Disorder in labour :
 - CPD and contracted pelvis, ✓
 - Malpositions and malpresentations, ✓
 - Premature labour, ✓
- Obstetrical emergencies and their management :
 - Presentation and prolapsed of cord
 - Vasa praevia
 - Shoulder dystocia
- Obstetrical procedures and operations :
 - Induction of labour forceps, vacuum version, ✓
 - Manual removal of placenta, caesarean section, ✓

UNIT – 3

Abnormalities During Postnatal Periods :

• Assessment and management of woman with postnatal complications :

- Puerperial infections
- Breast engorgement & infections
- UTI
- Post partum hemorrhage,
- Eclampsia and subinvolution,

Psychological complications:

- Post partum blues
- Post partum depression
- Post partum psychosis

UNIT – 4

Pharmacotherapeutics in Obstetrics :

• Indication, dosage, action, contra indication and side effects of drugs

• Effect of drugs on pregnancy, labour & puerperium

• Nursing responsibilities in the administration of drug in obstetrics – oxytocins

Anti hypertensive, diuretics, tocolytic agents, anti-convulsions

□ Analgesics and anesthetics in obstetrics

UNIT – 5

Family Welfare Programme :

• Population trends and problems in India

• Concepts, aims, importance and history of family welfare programme

• National family welfare programme : RCH, ICDS, MCH safe motherhood

• Methods of contraception : Spacing, temporary and permanent, emergency contraception

• Role of national, international and voluntary organizations

• Role of a nurse in family welfare programme

• Training/supervision/collaboration with other functionaries in community like ANMs, LHVs, Anganwadi workers, TBAs (Traditional birth attendant)

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Semester- VI

B. Vocational Health Care & Nursing

Midwifery and Obstetrical Nursing-2

Paper -17

Time : 3 hrs.

Max. Marks : 50

SECTION - A

- I) Answer any **TWO** questions. Each one carries 10 Marks. 2 x 10 = 20
1. Define Ante-partum hemorrhage and role of nurse in care of Ante-partum hemorrhagic patient.
 2. Define abnormal labour and write about management of premature labour.
 3. Write in detail about management post partum hemorrhage.
 4. Define Oxytocins and nursing responsibilities in the administration of drugs in obstetrics.

SECTION - B

- II) Answer any **FOUR** Questions. Each one carries 5 marks. 4 x 5 = 20
1. Write about hyper-emesis gravidarum.
 2. List out the high-risk pregnancies and nursing management of mother with high risk pregnancy.
 3. Write in detail about shoulder dystocia.
 4. Write about manual removal of placenta.
 5. Write about puerperial infections.
 6. Define eclampsia and write about nursing management of eclampsia.
 7. Write about effects of drugs on pregnancy.
 8. Write about national family welfare programme.

SECTION - C

- III) Answer any **FIVE** Questions. Each one carries 2 marks. 5 x 2 = 10
1. Define multiple pregnancy.
 2. Define ectopic pregnancy.
 3. List out the disorders in labour.
 4. Define vasa praevia.
 5. List out the psychological complications in postnatal period.
 6. Define puerperium.
 7. RCH
 8. ICDS.

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Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit – I	01	02	02
Unit – II	01	02	02
Unit – III	01	02	01
Unit – IV	01	01	01
Unit – V	-	01	02

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B.VOC Health Care & Nursing Course - Semester-6
(Paper-1)-MIDWIFERY AND OBSTETRICAL NURSING -2 – Practical's - 9

Areas :

- Labour ward with rating 02
- Neonatal intensive care unit /NICU 01
- Antenatal 02


Skills to be developed:

- Integrated Practice

Assignments:

- Completion of other essential requirement
- Case book recording

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Semester- VI B. Vocational Health Care & Nursing Midwifery & Obstetrical Nursing-II Practical Paper -9

Time : 3 hrs.

Total Marks : 100

Internal Marks : 25

Case Presentation: (At Aswani Maternity Hospital)

1. Kardex
2. Nurses Notes
3. History Collection
4. Physical Examination
5. Lab Investigations
6. Medication Charts
7. Nursing Diagnosis
8. Nursing Care Plans.
9. Health Education

External Marks : 75 (At Aswani Maternity Hospital)

- | | | |
|----------------------|---|----|
| 1. Case Presentation | - | 25 |
| 2. Viva & Records | - | 10 |
| 3. Procedures | - | 10 |
| 4. Charts | - | 10 |
| 5. Behavioural Marks | - | 10 |
| 6. Personal Skills | - | 10 |



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B.VOC Health Care & Nursing Course - Semester-6
(Paper-2)-NURSING RESEARCH AND STATISTICS - Syllabus

Paper-18

UNIT-1

Research and Research Process:

- Introduction and need for nursing research
- Definition of Research and nursing research
- Characteristics of good research
- Steps of Research process – overview

Research Problem/Question:

- Identification of problem area
- Problem statement
- Criteria of a good research problem

UNIT-2

Review of Literature:

- Location, Sources, Online search, CINHALL, COCHRANE etc.
- Purposes, Method of Review

Research Approaches and Designs:

- Historical, survey and experimental – Qualitative and Quantitative designs.

UNIT-3

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
- Data collection methods and instruments: Methods of data, Questioning, Observations, Validity & Reliability.
- Data collection procedure.

Analysis of Data:

- Compilation, Tabulation, summarization, interpretation of data.

UNIT-4

Introduction to Statistics:

- Definition, use of statistics, scales of measurement.
- Frequency distribution and graphical presentation of data.
- Mean, Median, Mode, Standard deviation
- Normal Probability and tests of significance
- Co-efficient of correlation.

UNIT-5

Communication and Utilization of Research:

- Communication of research findings: Verbal report, writing research report, Critical review of published research
- Utilization of research findings

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Semester- VI

B. Vocational Health Care & Nursing Nursing Research and Statistics

Paper -18

Time : 3 hrs.

Max. Marks : 50


SECTION - A

- I) Answer any **TWO** questions. Each one carries 10 Marks. 2 x 10 = 20
1. Define Research and write about steps of research process.
 2. Define research design and explain research approaches.
 3. Define sampling and write about procedure of data collection.
 4. Write in detail about uses of statistics.

SECTION - B

- II) Answer any **FOUR** Questions. Each one carries 5 marks. 4 x 5 = 20
1. Criteria of a good research problem.
 2. Write the characteristics of good research.
 3. Write about CINHAL.
 4. Write about quantitative and qualitative designs.
 5. Define sampling process and write about sampling techniques.
 6. List out the methods of data collection.
 7. Write about co-efficient of correlation.
 8. Write about research report.


SECTION - C

- III) Answer any **FIVE** Questions. Each one carries 2 marks. 5 x 2 = 10
1. Define research and nursing research.
 2. Define problem statement.
 3. Define review of literature.
 4. List out the research approaches.
 5. What are the types of sampling techniques?
 6. Define population.
 7. Define standard deviation.
 8. Write utilization of research findings.
- 

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Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit – I	01	02	02
Unit – II	01	02	02
Unit – III	01	02	01
Unit – IV	01	01	01
Unit – V	-	01	02

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B.VOC Health Care & Nursing Course - Semester-6
(Paper-3)- Management of Nursing Services - Syllabus

Paper-19

UNIT – 1

Introduction to Management in Nursing:

- Definition, concepts and theories
- Functions of management
- Principles of management
- Role of a nurse as a manager

UNIT – 2

Management Process:

- Planning, mission, philosophy, objectives, operational plan.
- Staffing: Philosophy, study, norms, classification systems.
- Human resource management: recruiting, selecting, deployment.
- Budgeting: Concept, principles, types, cost
- Material management: equipment and supplies

UNIT – 3

Management of Nursing Services in the Hospital and Community:

- Planning • Hospital and patient care units including ward management
- Emergency and disaster management
- Controlling/Evaluation: • Nursing rounds/Visits, Nursing protocols, Manuals
- Quality Assurance Model, documentation – CD Records and reports performance appraisal

UNIT – 4

Organizational Behavior and Human Relations:

- Leadership styles
- Review of Motivation: concept and theories

- Group dynamics
- Techniques of – communication, interpersonal relationships and human relations
- Relations with professional associations and employee unions and collective bargaining

In-service Education:

- Nature and scope of in-service education program
- Organization of in service education
- Principles of adult learning

UNIT – 5


Management of Nursing Educational Institutions:

- Establishment of nursing educational institution – INC norms and guidelines
- Coordination with – Regulatory bodies, Accreditation, Affiliation, Organization, Structure, Admission, Guidance and Counseling.

Maintaining discipline: Faculty and staff a selection, Recruitment, Job description, Placement,

- Budgeting
- Equipment and supplies; audio visual equipments, laboratory equipment, books, journals etc.,
- Curriculum; Planning, implementation and evaluation

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Semester- VI

B. Vocational Health Care & Nursing

Management of Nursing

Paper -19

Time : 3 hrs.

Max. Marks : 50

SECTION - A

- I) Answer any **TWO** questions. Each one carries 10 Marks. 2 x 10 = 20
1. Define management. Write the importance of management in nursing.
 2. Define budgeting. Write in detailed about budgeting process.
 3. Write the management of nursing services in the hospitals.
 4. Describe the management of nursing educational institutions.

SECTION - B

- II) Answer any **FOUR** Questions. Each one carries 5 marks. 4 x 5 = 20
1. Define management and their concepts and theories of management.
 2. Write the functions of management.
 3. Describe the material management.
 4. Explain the human resource management.
 5. Describe the hospital and patient care units management.
 6. Explain the emergency and disaster management.
 7. Define leadership styles.
 8. Describe the Admission, Guidance process.

SECTION - C

- III) Answer any **FIVE** Questions. Each one carries 2 marks. 5 x 2 = 10
1. Define management.
 2. Define any two principles in management.
 3. Describe the types of budgeting in management.
 4. Define philosophy in management process.
 5. What is quality assurance model?
 6. Define documentation.
 7. Define group dynamics.
 8. Define principles of adult learning.

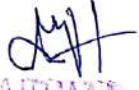

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Unit No. & Name	Essay Questions 10 Marks	Short Questions 5 Marks	Very Short Questions 2 Marks
Unit – I	01	02	02
Unit – II	01	02	02
Unit – III	01	02	01
Unit – IV	01	01	01
Unit – V	-	01	02

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