Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination – 02-Feb-2022

[Time: 3 Hours] **[Max. Marks: 80]**

NURSING EDUCATION
(RS3/RS4)
Q.P. CODE: 9631

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **08 X 10 = 80 Marks**

1. Define course plan and explain the role of a teacher in selection and organization of learning experiences.
2. Explain in detail about the current trends in nursing education in India.
3. List characteristics of standardized tests and discuss construction of rating scales.
4. Enumerate the principles in the use of audio-visual aids and discuss its use in making classroom teaching effective.
5. Describe concept of continuing education and its importance in nursing.
6. Explain performance appraisal for nursing faculty.
7. Discuss the problems in counseling.
8. Discuss the preparation of a professional teacher.

Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination – 04-Feb-2022

[Time: 3 Hours] **[Max. Marks: 80]**

ADVANCE NURSING PRACTICE
(RS3/RS4)
Q.P. CODE: 9632

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **8 X 10 = 80 Marks**

1. List down the causes of unconsciousness and formulate a nursing care plan for an unconscious patient.
2. Discuss the levels of preventive care with reference to Betty Newman's model.
3. Discuss the concept and issues of independent nurse Practitioner.
4. Explain the current health care delivery system in India.
5. Genetic counseling.
6. Role of regulatory bodies in nursing.
7. Crisis and its intervention.
8. Epidemiological triad.

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First Year M.Sc. (Nursing) Degree Examination - 07-Feb-2022

[Time: 3 Hours] **[Max. Marks: 80]**

NURSING RESEARCH
(RS3/RS4)
Q.P. CODE: 9633

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.
(Note: Both QP codes 9633 and 9634 should be, completed within the total duration of three hours)
Use separate answer books for 9633 and 9634.

Answer All The Questions **4 X 10 = 40 Marks**

1. Explain about reliability and validity of tool.
2. Define hypothesis and list and explain the types of hypothesis with an example.
3. Explain the methods of data collection and write a brief note on interview method.
4. Explain any two types of probability sampling technique with an example.

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination - 07-Feb-2022

Time: 3 Hours **Max. Marks: 80**

STATISTICS (RS3/RS4)
Q.P. CODE: 9634

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

(Note: Both QP codes 9633 and 9634 should be, completed within the total duration of three hours)

Use separate answer books for 9633 and 9634

Answer All The Questions **04 X 10 = 40 Marks**

1. Mention different scales of measurement. Explain them briefly with an illustration.

2. Find the Spearman's rank correlation between the knowledge and attitude in the following data. Interpret the result obtained.

Knowledge	8	11	24	16	1	17	19	38	15	4
Attitude	40	56	89	76	27	69	72	91	65	21

3. A nursing researcher wishes to study the association between the level of knowledge and duration of experience (in years)

Duration of experience (Years)	Levels of knowledge scores	
	Below Median	Above Median
1 - 5	28	27
6 - 10	3	2

Is it possible to apply Chi-square test for this data? If not, which alternative statistical test do you suggest? Justify your answer

4. What are different measures of vital statistics? Which among these are considered to be most sensitive indicators for health administration? Why?

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M. Sc. (Nursing) Degree Examination – 09-Feb-2022

[Time: 3 Hours] **[Max. Marks: 80]**

MEDICAL SURGICAL NURSING
(RS3/RS4)
Q.P. CODE: 9635

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer All The Questions **08 X 10 = 80 Marks**

1. Enumerate the types of head injury and write the nursing management for a client with craniotomy for first 48 hours.
2. Explain pathophysiology and clinical manifestation of Chronic Obstructive Pulmonary Disease (COPD) and write the medical and nursing management of Chronic Obstructive Pulmonary Disease (COPD).
3. Explain pathophysiology underlying clinical features of cirrhosis of liver and draw a nursing process for a client with cirrhosis of liver.
4. Classify Fracture and discuss the medical, surgical and nursing management of patient with hip fracture.
5. Explain clinical features and management of Hyperthyroidism.
6. Treatment modalities of anemia.
7. Management of renal calculi.
8. Ethical and cultural issues in medical surgical nursing.

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First Year M.Sc. (Nursing) Degree Examination - 09-Feb-2022

[Time: 3 Hours] **[Max. Marks: 80]**

COMMUNITY HEALTH NURSING - I
(RS3/RS4)
Q.P. CODE: 9636

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **08 X 10 = 80 Marks**

1. As a public health nurse, how will you organize on orientation programme for the newly appointed staff at the health centre?
2. Describe epidemiology of emerging and re-emerging diseases.
3. Discuss the impact demography on health policy and planning utilization.
4. Explain how will a public health nurse care for people during disasters as per the INC module for disaster.
5. Explain National health indicators.
6. Explain Food legislation and enforcement of laws.
7. Enumerate Nutritional programmes in India.
8. Describe management of a four-year-old child with cough and breathing difficulty.

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination - 09-Feb-2022

[Time: 3 Hours] **[Max. Marks: 80]**

CHILD HEALTH (PAEDIATRIC) NURSING
(RS3/RS4)
Q.P. CODE: 9637

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **08 X 10 = 80 Marks**

1. Explain in detail the development milestones of an infant.
2. Explain the management of preterm baby.
3. Define child abuse and describe the role of the nurse in identification and management of child abuse.
4. Describe the National nutritional programs for children.
5. Discuss the components of IMNCI (Integrated Management of Neonatal and Childhood Illnesses).
6. Discuss Standards of Paediatric nursing care.
7. Describe the anatomical and physiological differences between child and adult.
8. Discuss the trends in Pediatric Nursing.

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First year M. Sc. (Nursing) Degree Examination – 09-Feb-2022

Time: Three Hours **Max. Marks: 80 Mark**

OBSTETRICS AND GYNECOLOGICAL NURSING
(RS3/RS4)
Q.P. CODE: 9638

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **08 x 10 = 80 Marks**

1. Describe the physiology of first stage of labour. Explain the nursing care during first stage of labour.
2. Define antenatal care. List the objectives of antenatal care. Explain in detail the components of antenatal care
3. Explain the characteristics of normal newborn. Add a note on exclusive breast feeding.
4. Explain the magnitude of Maternal and Child Health problems. Add a note on preventive obstetrics.
5. Describe the Involution of uterus.
6. Describe the role of a midwife in crisis intervention.
7. Explain Non-Stress Test.
8. Describe the pain relief measures for a woman in labour.

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination - 09-Feb-2022

[Time: 3 Hours] **[Max. Marks: 80]**

MENTAL HEALTH (PSYCHIATRIC) NURSING
(RS3/RS4)
Q.P. CODE: 9639

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **08 X 10 = 80 Marks**

1. Describe the classification of mental illnesses.
2. Discuss the stress management.
3. Elaborate on the different phases of the therapeutic nurse-patient relationship.
4. Enumerate the common problems related to pregnancy and its management.
5. Explain the nursing process in mental health nursing.
6. Describe family therapy.
7. Discuss the role of the nurse in Electro Convulsive Therapy (ECT).
8. Explain the role of alternative systems of medicine in mental health.

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First Year M.Sc. (Nursing) Degree Examination - 02-Feb-2022

[Time: 3 Hours] **[Max. Marks: 70]**

Research Application and Evidence Based Practice in Critical Care
Q.P. CODE: 9662

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer All The Questions **10 X 7 = 70 Marks**

1. What is evidence based nursing practice? How can you improve the nursing practice dimension through evidence based practice?
2. List the various steps of nursing research. Explain any one step in detail with examples.
3. A researcher conducts a study to know the oxygen saturation of 12 patients admitted to CCU. The following table depicts the oxygen saturation of patients.

Patient Number	1	2	3	4	5	6	7	8	9	10	11	12
SpO2	78	52	70	60	60	66	58	62	83	95	93	90

   Calculate mean and SD for the data.
4. A researcher wanted to study the effectiveness of early mobilization in mechanically ventilated patients in improving their quality of life, decrease in delirium and improvement in functional status.
   i. What type of design is suitable for this research? Give reasons.
   ii. Write two hypothesis for this research.
   iii. Identify the variables and name them.
5. Explain importance of research for advancing role of nurses.
6. Areas of research in advance practice of nursing.
7. Reliability of tool.
8. Evidenced based practice.
9. Non probability sampling.
10. Enumerate graphical representation of data with example.

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination – 04-Feb-2022

Time: 3 Hours **Max. Marks: 70**

ADVANCED SKILLS IN LEADERSHIP, MANAGEMENT AND TEACHING
Q.P. CODE: 9663

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer all the questions **10 X 7 = 70 Marks**

1. Describe principles of management applied to critical care unit
2. Describe any two methods of performance appraisal you would use to evaluate ICU staff
3. Enlist the different teaching methods for educating staff and describe any two with example
4. Describe Nursing audit in clinical setup
5. Discuss the importance of stress management in critical care environment
6. List out theories of leadership and write in detail any one
7. As an ICU Nurse what learning principles do you apply to strengthen critical care setting
8. Discuss the importance of team building and motivation for an effective work environment
9. Define budget and prepare a budget for newly built CCU.
10. Explain problem solving skills in critical care nursing practice with an example

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination – 07-Feb-2022

[Time: 3 Hours] **[Max. Marks: 70]**

Advanced Pathophysiology and Advanced Pharmacology
Q.P. CODE: 9664

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer all the questions **10 X 7 = 70 Marks**

1. Mrs. X, 50 years old male admitted to MICU with the history of hematemesis and abdominal distension. He is also drowsy and restless. Initial biochemistry results revealed, S. Bilirubin 3.1 mg/dl., SGOT 86 U/L, SGPT 120 U/L. He is diagnosed to have cirrhosis of liver with hepatic encephalopathy
    a) Explain pathophysiology of cirrhosis of liver
    b) Describe the emergency management of Mr. X

2. Mrs. W, 30 years old female, weighing 46 kg, admitted to emergency ward with the history of 40% burn on chest, face, hands and feet
    a) Describe the emergency management and calculate fluid for Mrs. W, for first 48 hours
    b) Explain the rehabilitation strategies for Mrs. W

3. Explain pathophysiology and management of myocardial infarction

4. Explain the emergency management of patient with status asthmaticus

5. Explain the pathophysiology and management of patient with Nephrotic Syndrome

6. Discuss in detail about Diuretics and specify the role of critical care nurses while caring the patient receiving diuretics.

7. A 45 years old male patient diagnosed with respiratory failure and is on mechanical ventilator for respiratory support
    a) List the various groups of medications used for patient with respiratory failure and on mechanical ventilator
    b) Describe the mechanism of action of Xanthine Derivatives

8. List the principles of drug administration and discuss the medications in the management of shock.

9. Explain the pharmacological management of patient with head injury

10. Classify insulin and explain the mechanism of action, adverse effects and nurses responsibility in administering insulin

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 09-Feb-2022

[Time: 3 Hours] **[Max. Marks: 70]**

Advanced Health/Physical Assessment
Q.P. CODE: 9665

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer all the questions **10 X 7 = 70 Marks**

1. Discuss the assessment findings and the diagnostic test in a patient with cataract
2. Explain the specific diagnostic and laboratory test specific to male reproductive system
3. Discuss the assessment and laboratory test in a patient with anemia
4. Explain the physical examination findings of a patient diagnosed with Cushing's syndrome
5. A 40 year old male is presented to emergency with signs of intestinal obstruction, what are the specific examination findings in this patient?
6. Explain the ECG changes in a patient with MI and complete Heart block
7. Graphically represent and explain the cardiac markers alterations in MI
8. Assessment and diagnostic studies in a patient with osteoporosis
9. Explain interpretation of chest radiograph
10. Discuss the motor and sensory assessment of a patient with GB syndrome

First Year M.Sc. (Nursing) Degree Examination - 18-May-2022

[Time: 3 Hours] [Max. Marks: 80]

ADVANCED CONCEPTS OF HEALTH AND NURSING
PAPER I
(Revised Scheme 2)
Q.P. CODE: 9601

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING **4 X 15 = 60 Marks**

1. Describe Callista Roy's theory of adaptation under the following headings:
   a) Major effectors with examples
   b) Major assumptions of the theory
   c) Application of the theory with model
2. a) Define nursing process.
   b) Enumerate the steps in nursing process.
   c) Explain any one step in detail.
3. a) Discuss the importance of research in nursing.
   b) Explain any two ethical issues in nursing practice.
4. a) Mention the different levels of preventive care.
   b) Describe the role of nurse in disaster nursing.

SHORT NOTES (Answer any TWO) **2 X 10 = 20 Marks**

5. Alternative approaches to the development of health services
6. Uses and development of conceptual models in nursing
7. Team nursing and primary nursing
8. Health care delivery system at the national level

Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination – 18-May-2022

[Time: 3 Hours] **[Max. Marks: 80]**

NURSING EDUCATION
(RS3/RS4)
Q.P. CODE: 9631

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **8 X 10 = 80 Marks**

1. Define Nursing Education and describe patterns of university-based Nursing Education programmes in India.
2. Describe types of evaluation and explain measurement of cognitive and psychomotor domain.
3. Explain in detail principles of workshop and preparation required in conducting workshop.
4. Explain in detail professional preparation and training for counselling and techniques of counselling.
5. Critically analyse the need for curriculum change in nursing education.
6. Explain Reliability and Validity of standardized tools.
7. Discuss impact of social, economical, political and technological changes on education.
8. Explain Accreditation of nursing educational programmes.

First Year M.Sc (Nurse Practitioner in Critical Care) Degree Examination – 18-May-2022

Time: 3 Hours **Max. Marks: 70**

Research Application and Evidence Based Practice in Critical Care
Q.P. CODE: 9662

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer all the questions **10 X 7 = 70 Marks**

1. Describe in detail on graphical representations of data with suitable examples
2. Define research culture. Discuss the factors influencing research culture
3. Define Hypothesis and explain the types of hypotheses in detail
4. Write a research proposal for "Effect of Nurse - led intervention on sleep quality and delirium among post operative cardiac patients in adult intensive care unit
5. What is conceptual framework and discuss in detail
6. List the quantitative and qualitative research designs. Explain any one quantitative designs in detail
7. Define mean and mode. Calculate the same for the below variables.

Sample	1	2	3	4	5	6	7	8	9	10
Height in (inches)	58	65	61	65	68	58	59	55	59	61
Weight (Kgs)	55	65	69	77	70	65	76	59	69	65

8. Define review of literature (ROL) and discuss the steps in ROL
9. What is research? What is the importance of nursing research with specific reference to nurse practitioners?
10. What is evidence based nursing practice? How can you improve the nursing practice dimension through evidence based practice?

Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination – 20-May-2022

[Time: 3 Hours] **[Max. Marks: 80]**

ADVANCE NURSING PRACTICE - (RS3/RS4)
Q.P. CODE: 9632

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **8 X 10 = 80 Marks**

1. Explain pathophysiology of pain and discuss pharmacological and non-pharmacological management of pain in detail.
2. Enumerate the elements of nursing process and describe the nursing diagnosis.
3. List out the characteristics of nursing theory. Write in detail about Kings goal attainment theory.
4. Explain in detail about the extended and expanded role of nurse in health care delivery system.
5. Grieving process.
6. Futuristic nursing.
7. Genetic counseling.
8. Innovations in nursing.

First Year M.Sc. (Nursing) Degree Examination - 23-May-2022

Time: 3 Hours **Max. Marks: 80**

STATISTICS (RS3/RS4)
Q.P. CODE: 9634

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary
(Note: Both QP codes 9633 and 9634 should be, completed within the total duration of three hours)
Use separate answer books for 9633 and 9634

Answer All The Questions **4 X 10 = 40 Marks**

1. Discuss various types of measures of dispersion /variability and their significance
2. In an experiment on immunization of cattle against tuberculosis (TB) the following results were obtained.

	Contracted TB	No TB
Inoculated	12	28
Un-inoculated	13	07

Examine whether inoculation and contract TB are independent (Chi-square test table value at df5% level of significance is 3.84)

3. Explain the fertility, mortality and morbidity indicators with examples
4. What is correlation? Calculate Karl Pearson's coefficient of correlation between weight of mothers and their babies

Mother weight in Kg	54	60	49	57	68	55	62	60	58
Baby weight in Kg	3.4	3.2	3.6	4.0	2.4	3.6	4.1	2.5	3.5

Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination - 23-May-2022

[Time: 3 Hours] **[Max. Marks: 80]**

NURSING RESEARCH
(RS3/RS4)
Q.P. CODE: 9633

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.
(Note: Both QP codes 9633 and 9634 should be, completed within the total duration of three hours)
Use separate answer books for 9633 and 9634.

Answer All The Questions **4 X 10 = 40 Marks**

1. Differentiate between probability and non probability sampling techniques and list the types of sampling techniques with an example.
2. Explain the steps of Research process and write a brief note on Review of literature.
3. Discuss the importance of theoretical framework in Research.
4. Explain the types of experimental research designs.

First Year M.Sc. (Nursing) Degree Examination - 25-May-2022

[Time: 3 Hours] **[Max. Marks: 80]**

MENTAL HEALTH (PSYCHIATRIC) NURSING
(RS3/RS4)
Q.P. CODE: 9639

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer All The Questions **8 X 10 = 80 Marks**

1. Explain the extended and expanded roles of psychiatric nurse
2. Explain the techniques of therapeutic communication and dynamics of therapeutic nurse client relationship
3. Define assertive behavior. Explain the techniques that promote assertive behaviour
4. Define the behavior therapy. Discuss the techniques used in behavior therapy
5. Discuss the classification, indications, mechanism of action and adverse effects of antipsychotics
6. Explain the various components of mental status examination
7. Explain the psychoanalytical theory of personality development and its relevance to psychiatric nursing
8. Discuss the stress as transaction between the individual and the environment

Rajiv Gandhi University of Health Sciences, Karnataka

First year M. Sc. (Nursing) Degree Examination – 25-May-2022

Time: Three Hours Max. Marks: 80 Marks

OBSTETRICS AND GYNECOLOGICAL NURSING
(RS3/RS4)
Q.P. CODE: 9638

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer All The Questions **8 x 10 = 80 Marks**

1. Define normal labour and describe the various child birth practices adopted during normal labour

2. Write in brief the causes of infertility in females and discuss the recent advancement in infertility management

3. Explain the general physiological puerperal changes during post natal period

4. Describe various biochemical and biophysical test for assessment of fetal well being

5. Describe the essential newborn care and discuss the parenting process of the newborn

6. What are the recent advancement in contraceptive in the prevention of unwanted pregnancies?

7. Discuss in detail the role of midwife nurse practitioner in counseling menopause women

8. Explain the uses of selected life saving drugs and intervention of obstetrics emergencies approved by the MOHFW

First Year M.Sc. (Nursing) Degree Examination - 25-May-2022

[Time: 3 Hours] **[Max. Marks: 80]**

CHILD HEALTH (PAEDIATRIC) NURSING
(RS3/RS4)
Q.P. CODE: 9637

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **08 X 10 = 80 Marks**

1. Explain the physical and psychosocial development of the Toddler.
2. Describe the organization and management of Neonatal Intensive Care services.
3. Explain the behavioural problems in children.
4. Explain the nursing care of a hospitalized child.
5 Explain the Emergency care of child with Foreign Body Aspiration.
6 Explain Nutritional assessment of children.
7 Discuss Legal issues in paediatric care.
8 Discuss the Baby Friendly Hospital Initiative.

Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination - 25-May-2022

[Time: 3 Hours] **[Max. Marks: 80]**

COMMUNITY HEALTH NURSING - I
(RS3/RS4)
Q.P. CODE: 9636

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **08 X 10 = 80 Marks**

1. Explain the measures used to study the population and role of a community health nurse in this?
2. Explain with relevant example the types of epidemiology used in studying non-communicable disease.
3. How can Pender's Health Promotion Model be applied in caring for families with relevant example.
4. Discuss on changing trends in health care delivery system and the barriers of the present health care system.
5. Explain ethical and legal issues in community health nursing.
6. Describe nutritional programmes in India.
7. Explain in extended and expanded role of community health nurse.
8. Explain SBA module.

First Year M. Sc. (Nursing) Degree Examination – 25-May-2022

[Time: 3 Hours] **[Max. Marks: 80]**

MEDICAL SURGICAL NURSING
(RS3/RS4)
Q.P. CODE: 9635

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer All The Questions **08 X 10 = 80 Marks**

1. Explain pathophysiology of Glaucoma and discuss the nursing management of patient with Glaucoma.
2. Explain the causes and pathophysiology of Chronic renal failure and write a note on hemodialysis.
3. Discuss pharmacological and non-pharmacological management of patient with Hypertension.
4. Differentiate between duodenal and gastric ulcer and explain medical and nursing management of patient with peptic ulcer.
5. Rehabilitation of patient with femoral fracture.
6. Surgical management of Benign prostatic hypertrophy.
7. Clinical features and management of Meningitis.
8. Write the assessment and management of Diabetic Ketoacidosis.

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination – 25 May 2022

[Time: 3 Hours] [Max. Marks: 80]

BIOSTATISTICS, RESEARCH METHODOLOGY & NURSING RESEARCH
(Revised Scheme 2)
Q.P. CODE: 9606 & 9607

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.
Use separate answer books for section A and section B
Section A and Section B should be completed within total duration of three hours.

Q.P. CODE: 9607 - Section B
RESEARCH METHODOLOGY & NURSING RESEARCH [40 marks]

ANSWER THE FOLLOWING **2 X 15 = 30 Marks**

1. List the types of research design with suitable examples and explain any one of them in details.

2. a. Briefly describe the purpose, scope and need of nursing research.
   b. Construct a pre-coded questionnaire to collect basic data of psychiatric patients in a mental institute.

SHORT NOTES (Answer any ONE) **1 X 10 = 10 Marks**

3. Ethics in research.
4. Guidelines for writing a research report.

First Year M.Sc. (Nursing) Degree Examination - 25-May-2022

[Time: 3 Hours] **[Max. Marks: 80]**

BIOSTATISTICS, RESEARCH METHODOLOGY & NURSING RESEARCH
(Revised Scheme 2)
Q.P. CODE: 9606 & 9607

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.
Use separate answer books for section A and section B
Section A and Section B should be completed within total duration of three hours.

Q.P. CODE: 9606 - Section A
Biostatistics [40 marks]

ANSWER THE FOLLOWING **2 X 15 = 30 Marks**

1. What types of graphs can be used to display different scales of measurement? Discuss in detail with examples.

2. a. What are the assumptions of normal distribution?
   b. Displayed below is a frequency distribution containing a summary of the resting systolic blood pressures for a sample of 35 patients with ischemic heart disease. Calculate the mean and S.D

Systolic BP	No of Patients
115-124	4
125-134	5
135-144	5
145-154	7
155-164	5
165-174	4
175-184	5
Total	35

Rajiv Gandhi University of Health Sciences, Karnataka

SHORT NOTES (Answer any ONE) **1 X 10 = 10 Marks**

3. Use of Vital and health statistics in Nursing Practice.

4. a. When you are investigating the relationship between two continuous random variables, Why it is important to create a scatter plot of the data?

   b. how does Spearman' rank Correlation differ from the person Correlation?