Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - 16-Jun-2025

[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. a) Draw Betty Neuman's Systems model.
   b) Explain the model with example and its utilization in nursing process.

2. a) Explain nursing theory.
   b) Describe the strategies for integrating nursing theory into practice.

3. a) Explain health care delivery system in India.
   b) Discuss the role of nurses in the health care delivery system in India.

4. a) Explain the different types of Power and Politics.
   b) Explain the role of Nursing Superintendent in maintaining the standard of nursing practice by using Power and Politics.

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

5. Explain the elements and principles of primary health care.
6. Progressive patient care
7. Nurse clinician and nurse practitioner
8. Health illness spectrum

* * * * *

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 16-Jun-2025

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. Discuss the characteristics, advantages and disadvantages of randomized control design
2. Explain the steps of evidenced based practice
3. What are the various probability sampling techniques used in research
4. A researcher plans to carry out a study titled “Correlational between nasal airway patency and nasal airflow rate in nasally impaired adults”
   a) Explain the type of data collection instruments that have to be prepared by the researcher to collect the data for this study with justification for each type
   b) Construct any two data collection instruments for this study
5. Explain the steps of research process
6. Discuss interpretation of Karl Pearson’s product moment correlation coefficient and construct the type of correlation between X and Y with the help of a scatter diagram

X	60	55	86	70	77	99	75
Y	12.0	14.3	24.2	13.5	10	18	20

7. What are the data collection methods a researcher will use in a study “effect of Chlorhexidine mouth wash verses normal saline in mitigating respiratory infections in patients in” with rationale
8. What are the ethical aspects to be considered while planning for a research study?
9. Explain the various methods of statistical analysis used in data analysis
10. What are the different types of hypotheses? Explain with examples

* * * * *

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination – 16-Jun-2025

[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. Discuss the current trends and issues in education.
2. Define educational objectives and domains and explain Blooms taxonomy.
3. Explain in detail the norms to be followed while construction of essay and multiple choice questions.
4. Explain the trends and issues in guidance and counselling.
5. Discuss the advantages and disadvantages of formative and summative assessment.
6. Explain the role of professional associations and unions in maintaining nursing standards.
7. Describe the role of nursing faculty in planning and implementation of curriculum.
8. Explain performance appraisal in nursing educational institutions.

* * * * *

First Year M.Sc. (Nursing) Degree Examination -17-Jun-2025

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

BIOLOGICAL AND PSYCHOSOCIAl FOUNDATION OF NURSING
(RS-2)

Q.P. CODE: 9602 & 9603
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: 9602 - Section A
Genetics, Embryology & Pathophysiology [40 marks]

ANSWER THE FOLLOWING 2 X 15 = 30 Marks

1. a. What is gene mutation?
   b. Discuss mutant genes and functional derangements.

2. a. Explain causative factors and pathophysiology of glomerulonephritis.
   b. Discuss the nursing interventions.

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

3. Pain and its management.
4. Inflammatory process.

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination – 17-Jun-2025

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

BIOLOGICAL AND PSYCHOSOCIAL FOUNDATION OF NURSING

(Revised Scheme 2)

Q.P. CODE: 9602 & 9603

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: 9603 - Section B

Psychosocial Foundation of Nursing and Epidemiology [40 marks]

ANSWER THE FOLLOWING 2 X 15 = 30 Marks

1. Discuss the psychological theories of personality development.
2. Explain the epidemiological approaches.

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

3. Family dynamics and characteristics.
4. Dimensions of mental health.

Second Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 17-Jun-2025

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

Foundations of Critical Care Nursing Practice

Q.P. CODE: 9666

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. Explain on ideal healing CCU environment.
2. Discuss the barriers to implementation of evidence-based practice (EBP) and strategies to promote it.
3. Describe the standard safety measures in caring for patient with methyl resistant staphylococcus aureus (MRSA) infection.
4. Discuss prevention of burn out syndrome among critical care team members.
5. Describe nursing audit related to critical care.
6. Enlist the parameters assessed in hemodynamic monitoring and describe any three
7. Describe the strategies for promoting ethical decision making.
8. Explain on weaning the patient from mechanical ventilation.
9. Discus the various types of restraints used in critical care unit.

Rajiv Gandhi University of Health Sciences

10. Why is nutritional support important in critically ill patients? Discuss briefly the care of patient on enteral nutrition.

* * * * *

First Year M.Sc. (Nursing) Degree Examination – 18-Jun-2025

[Time: 3 Hours] [Max. Marks: 40]

Education

(Revised Scheme-2)

Q.P. CODE: 9604

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.
(Note: Both QP codes 9604 and 9605 should be, completed within the total duration of three hours)
Use separate answer books for 9604 and 9605.

ANSWER THE FOLLOWING 2 X 15 = 30 Marks

1. a. Define pragmatism and naturalism.
   b. Describe the two philosophies and discuss the differences between them.

2. Discuss the various formal and non formal agencies of education.

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

3. Discuss the Mudaliar committee report

4. Discuss the role of Religion and education.

* * * * *

First Year M.Sc. (Nursing) Degree Examination – 18-Jun-2025

[Time: 3 Hours] [Max. Marks: 40]

Nursing Education - (Revised Scheme-2)

Q.P. CODE: 9605

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.
(Note: Both QP codes 9604 and 9605 should be, completed within the total duration of three hours)
Use separate answer books for 9604 and 9605.

ANSWER THE FOLLOWING 2 X 15 = 30 Marks

1. Enumerate the various teaching methods used in nursing. Discuss simulation in detail.

2. Discuss the teachers role in preparation of A.V Aids. Explain the advantages and disadvantages of charts.

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

3. Discuss the difference between guidance and counselling.

4. Explain construction and scoring of a Rating scale.

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination – 18-Jun-2025

[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. What are the characteristics and criteria of the profession? Discuss the development of nursing profession.
2. What are the aims and scope of epidemiology? Explain the epidemiological approaches.
3. What are the independent practice issues in nursing? Describe the extended and expanded role of a nurse in health care delivery system.
4. Explain the types, pathophysiology and management of shock.
5. Orem's Self care deficit theory
6. Role of a nurse in disaster nursing
7. Law of Inheritance
8. Telemedicine

* * * * *

First Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 18-Jun-2025

Time: 3 Hours Max. Marks: 70

Advanced Skills in Leadership, Management and Teaching Skills

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. Explain the management of human resources and staff assignment in critical care unit
2. Describe the setup and prepare a budget in establishing a critical care unit
3. Explain the various innovative techniques in delivering quality care to patients in a critical care unit
4. Illustrate the importance of competency based education in critical care nursing practice area
5. Explain the strategies to be applied in conflict resolution
6. Describe quality assurance and list the methods to improve nursing practice in critical care settings
7. Explain performance appraisal methods for staff in a critical care in nursing practice

Rajiv Gandhi University of Health Sciences

8. Explain the methods of teaching to improve the knowledge of staff in a intensive care unit

9. Describe the steps of developing a budget of a critical care unit

10. Define material management and the role of a nurse-practitioner in management of a critical care unit

First Year M.Sc. (Nursing) Degree Examination - 19-Jun-2025

[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. a. Explain the techniques of scale construction and techniques of data collection.
   b. How do you assess the reliability of a toll and write the appropriate statistical techniques will be used to assess the reliability.

2. Eight individuals experienced an unexplained episode of Vitamin D intoxication that required hospitalization; it was thought that these unusual occurrences might be the result of excessive supplementation of dairy milk. Blood levels of calcium and albumin at the time of hospital admission are provided below.

Calcium (mmol/l	Albumin(g/l)
2.92	43
3.84	42
2.37	42
2.99	40
2.67	42
3.17	38
3.74	34
3.44	42

a. Find the mean, median, S.D and range of the recorded calcium levels.
b. Compute the mean, median S. D and range of the given albumin levels.
c. For healthy individuals the normal range of calcium values is 2.12 to 2.74 mmol/l, while the range of albumin levels is 32 to 55g ll. Do you believe that patients suffering from Vitamin D intoxication have normal blood levels of calcium and albumin.

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

3. Correlation coefficient and its types.

4. Factor analysis and its application in nursing research.

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - 19-Jun-2025

[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. Write a research proposal to conduct a mental morbidity survey in an urban dwelling community.

2. Explain in detail the sources of data collection in nursing research.

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

3. Discuss on qualitative designs for a data collection tool.
4. Criteria for the selection of items for a data collection tool.

* * * * *

Second Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 19-Jun-2025

Time: 3 Hours Max. Marks: 70

CRITICAL CARE NURSING - I
Q.P. CODE: 9667

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. A57 years male admitted with the complaints of chest pain and dyspnea
   a) Describe the emergency physical assessment and diagnostic studies
   b) Explain the pharmacological and surgical management of patient with acute coronary syndrome
2. Explain in detail about cardiac transplantation surgery and critical care management
3. Explain about long term complications of mechanical ventilation and enumerate the interventions to prevent ventilator associated pneumonia
4. Discuss about pathophysiological changes in ARDS and its management in critical care setting
5. Enumerate the types of head injury and describe about intra cranial haematoma
6. Enumerate the causes of increased intra cranial pressure and explain its management

Rajiv Gandhi University of Health Sciences

7. Mention the critical care pathway for thyroid storm

8. Discuss the pathophysiological changes of peptic ulcer and surgical management of peptic ulcer

9. Explain about the clinical manifestations of hepatic failure and its management

10. Explain the causes and management of acute renal failure condition in critical care setting

* * * * *

First Year M.Sc. (Nursing) Degree Examination – 20-Jun-2025

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

NURSING SPECIALITY I – PSYCHIATRIC NURSING
PRINCIPLES OF PSYCHIATRIC NURSING
(Revised Scheme 2)

Q.P. CODE: 9611

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

ANSWER THE FOLLOWING 4 X 15 = 60 Marks

1. a) Explain development of mental health nursing in India.
   b) Explain role of nurse in inter-disciplinary mental health team?

2. a) Define crisis. Briefly explain types of crisis.
   b) Explain techniques of crisis intervention with examples.

3. Explain the theories of personality development as follows:
   a) The psycho analytical theory
   b) Compare and contrast the psycho analytical theory with the interpersonal theory.

4. Explain the nursing process in mental health, with focus on nursing interventions specific to psychiatry.

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

5. Explain stress in terms of:
   a) The biological response to stress
   b) Stress management

6. Explain the modalities of crisis intervention.

7. Describe current concept of psychiatric nursing.

8. Discuss the phases of the therapeutic nurse patient relationship.

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - 20-Jun-2025

[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. What is Questionnaire? List and explain the types of questions used in preparing a questionnaire for data collection.

2. List the types of qualitative research designs and explain phenomenological research design.

3. a) Explain the steps involved in literature review b) Describe the sources of review literature

4. a) List down the purposes of research report b) Explain IMRAD format of writing a quantitative research report

First Year M.Sc. (Nursing) Degree Examination - 20th June 2025

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. Importance of bio-statistics in nursing research

2. What is a measure of variability? Calculate mean, standard deviation and coefficient of variation (CV) of 10 student's IQ (intelligence quotient) IQ: 80, 90, 105, 95, 110, 97, 93, 98, 100, 92

3. Properties and applications of normal probability curve

4. The chest circumference (in cm) of 10 normal and 10 malnourished children of the same age group is given below. Find out whether the mean chest circumference is significantly different between the groups (t-table value at 18 df at 5% level of significance is 2.10)

Groups	Chest circumference (in cm)									
Normal	42	46	50	48	50	52	46	49	51	56
Malnourished	38	41	36	35	30	42	40	39	31	37

Rajiv Gandhi University of Health Sciences

First Year M. Sc. (Nursing) Degree Examination – 23-Jun-2025

[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. Describe the complications of cirrhosis of liver and discuss the management of a patient with ascites.
2. Explain the pathophysiology and clinical manifestations of increased intra cranial pressure and describe the collaborative management of patient with traumatic brain injury.
3. Explain the pathophysiology of pulmonary tuberculosis. Discuss the medical management of tuberculosis and enumerate on role of nurse in Eradication of TB.
4. Explain the Medico legal issues in Medical Surgical Nursing.
5. Describe the surgical management of patient with Benign Prostate Hyperplasia (BPH) and explain the post operative management of patient who had undergone TURP.
6. Explain the causes and pathophysiology of Rheumatic Heart Disease (RHO) and describe the medical and surgical management of patient with RHD.
7. Enumerate the types of Glaucoma and explain the management of patient with Glaucoma.
8. Explain the standard safety measures followed in emergency department

First Year M.Sc. (Nursing) Degree Examination - 23-Jun-2025

[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. Elaborate IMNCI module for management of diarrhoea.
2. Define Family Health Nursing and discuss the approaches.
3. Define epidemiology and explain the epidemiological methods.
4. Discuss the role of Community Health Nurse in organizing and conducting the Nutritional Education in community setting.
5. Elaborate on Public-Private Partnership.
6. Explain levels of prevention.

Rajiv Gandhi University of Health Sciences

7. Explain methods of family limiting and spacing.
8. Explain strategies of Behaviour Change and Communication (BCC).

First Year M.Sc. (Nursing) Degree Examination - 23-Jun-2025

[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 8 X 10 = 80 Marks

1. Discuss the prenatal factors influencing growth and development of fetus
2. Explain the growth and development of toddler
3. Describe any two common behavioral problems of schooler and its management
4. Explain the organization and management of nursing services in NICU
5. Differentiate the anatomic and physiologic changes between adult and child
6. Discuss the nursing care during foreign body aspiration among five year old child
7. Discuss the National Health Programs related to child health
8. Explain the concept and scope of preventive pediatrics

Rajiv Gandhi University of Health Sciences

First year M. Sc. (Nursing) Degree Examination – 23-Jun-2025

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 | 08 x 10 = 80 Marks

1. Enumerate Legal and ethical issues in midwifery. Describe Code of ethics in midwifery practice.
2. Explain in detail about biophysical and biochemical parameters used in the establishment of foetal wellbeing.
3. Define normal labour. Discuss the role of a midwife in second stage of labour.
4. Explain about essential newborn care.
5. Write a brief note on Oxytocics.
6. Describe Family Life education.
7. Describe full term Placenta and its abnormalities.
8. Describe Lochia. Add a note on its clinical significance.

*****

First Year M.Sc. (Nursing) Degree Examination - 23-Jun-2025

Time: 3 Hours | Max. Marks: 80

MENTAL HEALTH (PSYCHIATRIC) NURSING
(RS-3/RS-4)
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. Classification of mental illness according to ICD 10
2. Explain Peplau's nursing model
3. List out the clinical features of stress. Explain about stress management
4. Discuss the phases of therapeutic nurse patient relationship
5. Illustrate the problems related to conception of pregnancy and puerperium and its management
6. Discuss on behavioural therapy
7. a) Define ECT. List out a contraindication and side effects of ECT

Rajiv Gandhi University of Health Sciences

b) Role of nurses in pre intra and post operative care

8. Classify antidepressant drug. Write nursing implication on side effect for antidepressant drug

First Year M.Sc (Nurse Practitioner in Critical Care) Degree Examination – 20-Jun-2025

Time: 3 Hours Max. Marks: 70

Advanced Pathophysiology and Advanced Pharmacology
Relevant to critical care
Q.P. CODE: 9664

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

Answer all the questions 10 X 7 = 70 Marks

1. Classify arrhythmias and describe the management of a patient with 3rd degree heart block
2. Explain the pathophysiology and management of a patient with ARDS on a Assit-Control mode ventilator
3. Explain the drugs used in treatment of anxiety disorders
4. Mr. A is admitted to a surgical ICU with chest trauma
   a) Define pneumothorax
   b) Explain the management and care of a patient with ICD
5. Classify Insulin. Explain mechanism of action, adverse effects and critical care nurses responsibility in administration of insulin
6. Explain the management of a patient with Hypertensive crisis
7. Describe the pharmacological management of a patient with status epilepticus
8. Classify local and general anesthetics. Explain their mechanism of action and adverse effects
9. Mr. X is admitted in a critical care unit with subarachnoid haemorrhage
   a) Explain the emergency management of Mr. X
   b) Discuss the role of a nurse in preventing mechanical ventilator related complications
10. Explain the standing orders for pulmonary critical care emergencies

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 23-Jun-2025

[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. Explain the assessment format for patient with acute renal failure and discuss the diagnostic studies
2. Explain the physical examination techniques used in Gastro Intestinal Assessment. Enumerate the diagnostic measures used in pancreatitis
3. A 55-year male comes to the ER after a witnessed seizure. He had loss of responsiveness and stated jerking of his left side. Episode lasted about 2 minutes.

   What history are you going to collect for this patient? Discuss the diagnostic measures to be carried out for him
4. Discuss the steps in ABG analysis and interpretation
5. Explain the assessment format for patient with heart failure and discuss the diagnostic studies
6. Describe the diagnostic assessment of a patient with pernicious anemia
7. Explain liver function test as a diagnostic tool
8. Discuss nerve conduction studies and state its importance
9. Discuss ventilation perfusion scan in diagnosing respiratory disorders
10. Explain the biochemical markers used in cardiac laboratory studies

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - 15-Dec-2025

[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. Define hypothesis. Explain different types of hypotheses.
2. List down the characteristics of experimental research. Explain the types of experimental designs with suitable examples.
3. Explain the role of ethical principles in nursing research.
4. Define sampling. Explain probability sampling techniques with an example for each.

First Year M. Sc. (Nursing) Degree Examination - 15-Dec-2025

[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. Explain different types of diagrammatic presentation of data.
2. Pain score before and after the intervention on post operative pain has been given. Use appropriate parametric statistical test to test whether the intervention has significant effect to reduce the joint pain. (Table value=2.26 at 0.05 level).

Before	9	8	6	7	8	7	9	6	10	7
After	4	3	3	4	2	2	3	1	5	3

3. Explain chi square test with illustrations.
4. Explain the uses of statistical package in data analysis.

Rajiv Gandhi University of Health Sciences

First Year M. Sc. (Nursing) Degree Examination – 17-Dec-2025

[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 Meningitis and describe the management of patient with Meningitis.
2. Explain the risk factors, pathophysiological changes of Osteoporosis and discuss the nursing management for a patient with Osteoporosis.
3. Explain the pathophysiology, clinical manifestation of intestinal Obstruction and describe the immediate post-operative management of a patient with colostomy.
4. Explain the pathophysiology of Hypertension and describe the management of patient with Hypertension.
5. Management of renal calculi.
6. Write a note on Infertility.
7. Explain nursing management of Peptic ulcer.
8. Discuss the management and prevention of Urinary tract infection.

First Year M.Sc. (Nursing) Degree Examination - 17-Dec-2025

[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. Critically analyze the community development programmes of our country and give your reasons for not achieving the goals compared with other countries in the world.
2. Explain family nursing process. Describe now can Betty Neman’s theory be applied in caring for families with relevant example.
3. What is ecosystem? Explain the principles of ecosystem and the role of community in the conservation of ecosystem.
4. Explain in detail the models in epidemiology and the role of the nurse in the control of epidemics in the community.
5. Explain the role of Community health nursing in prevention of non-communicable disease with relevant example.
6. Discuss Public Private partnership in community health nursing.

Rajiv Gandhi University of Health Sciences

7. Discuss management of a four-year-old child with cough and breathing difficulty.

8. Explain sustainable development goals.

OR

Explain the Disaster Management in detail. Describe the role of Nurse in each phase of Disaster Management

First Year M.Sc. (Nursing) Degree Examination - 17-Dec-2025

Time: 3 Hours Max. Marks: 80

CHILD HEALTH (PAEDIATRIC) NURSING
(RS-3/RS-4)
Q.P. CODE: 9637

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 ethical issues in paediatric care

2. Describe the effects of hospitalization on child and family. Discuss the nursing care of a hospitalized toddler

3. Explain the growth and development of a schooler

4. Discuss the nursing care for a low birth weight baby

5 Explain the role of a nurse in collection of specimens

6 Describe the role of national organizations in child health and welfare

7 Explain briefly about child abuse and list down the strategies for preventing child abuse

8 Describe the integrated management of neonatal and childhood illness (IMNCI) case management process for a 2 year old child with diarrhoea

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination – 17-Dec-2025

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

OBSTETRICS AND GYNAECOLOGICAL 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. Identify the research priorities in obstetric and gynecological nursing and discuss the contribution to evidence-based practice.
2. What are the various childbirth practices and critically analyze them.
3. Discuss the role of Nurse – Midwifery practitioner in counseling menopausal women.
4. What are the goals of NRHM in relation to maternal health and discuss the role of nurses in achieving the goals.
5. Essential Newborn care.
6. Life saving drugs in midwifery.
7. Write note on assessment of foetal well being.
8. Management of mothers during Puerperium.

First Year M.Sc. (Nursing) Degree Examination - 17-Dec-2025

[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. Explain the objectives of National mental health Program. Explain the approaches of National mental health program.
2. Discuss the relevance of Freud's Psychoanalytic Theory.
3. Discuss Therapeutic Communication and its importance. Explain the techniques of therapeutic communication.
4. Describe the components of self concept. Explain the role of the nurse in promoting self esteem.
5. Discuss about problem oriented recording in psychiatry.
6. Enumerate the Psychosocial Therapies in the treatment of mentally ill patients. Discuss the purposes, types and contra indications of occupational Therapy.
7. Explain Milieu therapy.
8. Describe Antipsychotics and nurse's responsibility.

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination - 17-Dec-2025

[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 various techniques of physical assessment.
2. Explain in detail Cardiac Laboratory Studies and Diagnostic studies used as a means of tool in Cardiovascular System.
3. Describe Neurological Assessment and illustrate any two Neurodiagnostic studies in detail used for assessment.
4. Write a note on Specific Blood Parameters used in diagnosis related to musculoskeletal system.
5. Elaborate risk factors for cervical cancer and illustrate on various diagnostic tests used to rule out Cancer.
6. Discuss nerve conduction studies and state its importance.
7. Discuss various cardinal signs used to assess Respiratory Distress
8. Briefly discuss on Electrocardiogram Lead Placement and normal ECG interpretation.
9. Illustrate on Endoscopic Retrograde Cholangiopancreatography.
10. Explain liver function test as a diagnostic tool.

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination – 22-Dec-2025

[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. Enumerate various methods of teaching. Explain in detail about microteaching.
2. Explain in detail organization of guidance and counselling services in nursing colleges.
3. Enumerate different types of curriculum and discuss the phases of curriculum process.
4. Critically analyze the various undergraduate nursing educational programmes in India.
5. Discuss any one modern philosophy with its educational implications.
6. Describe the Accreditation in nursing educational programme.
7. Explain the role of nursing faculty in planning and preparing for Objective Structured Clinical Examination (OSCE).
8. Discuss distance education in nursing.

First Year M.Sc. (Nursing) Degree Examination – 23-Dec-2025

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 and labeled diagrams wherever necessary.

Answer all the Questions 08 X 10 = 80 Marks

1. Discuss the application of Roy’s Adaptation Theory with examples
2. Explain the extended an expanded role of nurse
3. Crisis and its intervention
4. Discuss Gene mutations and Genetic counselling in detail
5. List the steps of Nursing process. Explain in detail about nursing diagnosis
6. Use of Computers in Nursing Practice
7. Quality Assurance
8. Pattern of Nursing care delivery in India