Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PB) Degree Examination – 03-Jan-2025

Time: Three Hours | Max. Marks: 75 Marks

MATERNAL NURSING (RS-3 & RS-4)
Q.P. CODE: 1736

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

LONG ESSAYS (Answer any Two) — 2 x 10 = 20 Marks

1. a) Define Eclampsia
   b) Explain in detail the management of eclampsia

2. a) Define third stage of labour
   b) Write the signs and symptoms of placental separation
   c) Explain the nursing management during third stage of labour

3. a) Define family planning
   b) Explain in detail different family planning methods

SHORT ESSAYS (Answer any Seven) — 7 x 5 = 35 Marks

4. List the causes for prolapsed uterus and explain its management
5. Planned parenthood
6. Explain the management of pregnant women with HIV / AIDS
7. Neonatal resuscitation
8. Explain the management of puerperal sepsis
9. Explain the different techniques used in breast feeding
10. Explain the nurses role during phototherapy
11. Discuss the causes for female infertility
12. Explain in detail the objectives of National Family Welfare Programmes

SHORT ANSWERS — 10 x 2 = 20 Marks

13. Mention the four drugs used during labour
14. Mention the problems associated with unwanted pregnancy
15. List the causes of anaemia in pregnancy
16. Differentiate between Neonatal jaundice and Kernicterus
17. Mention causes of maternal morbidity and mortality
18. Osiander's sign
19. Enlist the complications of forceps delivery
20. Apgar scoring
21. Differentiate between caput succedaneum and cephalhematoma
22. Crowning

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 07-Jan-2025

Time: Three Hours | Max. Marks: 75

CHILD HEALTH NURSING
(RS-3 & RS-4)
Q.P. CODE: 1737

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

LONG ESSAYS (Answer any Two) — 2 x 10 = 20 Marks

1. Define Infant Mortality Rate. Enlist the factors affecting infant mortality rate. Enumerate the preventive measures to reduce the infant mortality rate in India
2. Define Growth and Development. Discuss the factors affecting growth and development. Enlist principles of growth and development
3. Define Hydrocephalus. Enlist classification and the clinical features. Describe the pre and post operative nursing care of the child with hydrocephalus

SHORT ESSAYS (Answer any Seven) — 7 x 5 = 35 Marks

4. Exclusive breast feeding and its advantages
5. Jaundice in a newborn
6. Artificial feeding
7. Prevention of malnutrition
8. Pneumonia in children
9. Mental retardation
10. Legislations in relation to child health and welfare
11. Nephrotic syndrome
12. Hemophilia

SHORT ANSWERS — 10 x 2 = 20 Marks

13. Balwadi nutrition programme
14. Meconium Aspiration syndrome
15. Developmental displacement of hip
16. Greenstick fracture
17. Ophthalmia Neonatorum
18. Low birth weight
19. Difference between Drowing and near drowning
20. Enuresis
21. **School Phobia**
22. Toddler

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 09-Jan-2025

Time: Three Hours | Max. Marks: 75 Marks

MEDICAL SURGICAL NURSING (RS3 & RS4)
Q.P. CODE: 1738

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. a) What are the causes of Rheumatic Heart Disease (RHD)?
   b) Enumerate the pathological changes that occur in RHD.
   c) Explain the surgical management of client with Valvular Heart Disease.

2. Ms. Suma, 45 year old house wife, has been admitted for the treatment of Cancer Rectum.
   a) Write the indications for Colostomy.
   b) Enlist the types of Colostomy.
   c) Explain about the chemotherapy and management of its side effects.

3. Mr. Ravi, aged 25 years, is admitted to the neuro ward with diagnosis of Epilepsy.
   a) Define Epilepsy.
   b) List the causes and classification of Seizures.
   c) Explain the nursing care of Mr. Ravi during and after Seizures.

SHORT ESSAYS (Answer any Seven) 7 x 5 = 35 Marks

4. Explain the pathophysiology and drug therapy for Pulmonary Tuberculosis.
5. Enlist the types of Anaemia and explain the health education to prevent Anaemia among adults.
6. Describe the management of client with TURP.
7. Differentiate between Peptic Ulcer and Duodenal Ulcer.
8. Explain the pathophysiology and medical management of Diabetic Ketoacidosis.
9. Describe the reconstructive surgeries available for Burns.
10. List the treatment modalities available for Fracture of Femur and explain the care of patient on Skeletal Traction.
11. Describe the infection control protocols a nurse must follow while caring for a HIV positive client.
12. Describe the acute care management of patient with Organo Phosphorus Poisoning.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Name the types of Cataract.
14. What is Goiter?
15. List the three principles of Haemodialysis.
16. Differentiate between Bronchiectasis and Bronchitis.
17. List the different modes of mechanical ventilator.
18. What is Hodgkin's lymphoma?
19. Name any four clinical manifestations of Parkinson's disease.
20. List the clinical manifestation of Hypocalcaemia.
21. Mention the types of Anaesthesia.
22. Write any two drugs used in Cardiac arrest with their action.

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – 13-Jan-2025

Time: 3 Hours | Max. Marks: 38 Marks

BIOCHEMISTRY - (RS-3 & RS-4)

Q.P. Code: 1739

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

(Note: Both QP Codes 1739 and 1740 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) 1 x 10 = 10 Marks

1. Name the Ketone bodies? Discuss the Ketone body metabolism. Write a note on Ketoacidosis.
2. Discuss the hormonal regulation of blood sugar, add a note on Glycosuria.

SHORT ESSAYS (Answer any Four) 4 x 5 = 20 Marks

3. What are lipoproteins? Classify and mention their functions.
4. Describe Glycogenolysis. How is it regulated?
5. Describe purine catabolism, add a note on Gout.
6. Discuss diagnostically important enzymes.
7. Describe Rennin-Angiotensin mechanism.

SHORT ANSWERS (Answer All) 4 x 2 = 8 Marks

8. Essential amino acids.
9. Lactose intolerance
10. Functions of albumin
11. Mention the serum levels of a) Sodium b) Potassium

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – 13-Jan-2025

Time: 3 Hours Max. Marks: 37

BIOPHYSICS - (RS-3 & RS-4)

Q.P. Code: 1740

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

(Note: Both QP Codes 1739 and 1740 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) 1 x 9 = 9 Marks

1. Explain how the x-rays are produced. Write the properties of x-rays. Write a note on medical applications of x-rays
2. State Faraday's Law of electromagnetic induction. Describe in detail about the principles and technique of Magnetic Resonance Imaging (MRI)

SHORT ESSAYS (Answer any Four) 4 x 5 = 20 Marks

3. What is the normal frequency range of hearing in the human ear? Write applications of sound in medical practice
4. What is a lever? Write different types of levers with an example
5. Define blood pressure. What is the normal blood pressure in an adult? Mention the name of the instrument used to measure blood pressure
6. State laws of reflection. Write a note on application of LASER in the field of medicine
7. What is heat? Explain the three methods of heat transfer

SHORT ANSWERS 4 x 2 = 8 Marks

8. Why are underwater exercises advised for rehabilitation of patients with joint pain and muscle injury?
9. Convert 98 – degree Fahrenheit to Celsius
10. Write briefly about cardiac pacemaker
11. What is resistance? Write the unit of resistance

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 16-Jun-2025

Time: Two Hours | Max. Marks: 35 Marks

NURSING FOUNDATION
(RS3 & RS4)
Q.P. CODE: 1731

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

LONG ESSAYS (Answer any One) — 1 x 10 = 10 Marks

1. a) Explain the importance of theories in nursing practice
   b) Describe the Meta paradigm of nursing theory

2. a) Define nursing process.
   b) List the steps of nursing process.
   c) Explain the techniques of planning patient care.

SHORT ESSAYS (Answer any Three) — 3 x 5 = 15 Marks

3. Explain the role of professional bodies in maintaining standards.
4. Enumerate the trends in nursing education.
5. Explain the needs & problems of an old age.
6. Describe the responsibility and role of a nurse.

SHORT ANSWERS — 5 x 2 = 10 Marks

7. Define nursing audit
8. Define team nursing
9. List the method of disposal of sharp objects
10. Define stress
11. Mention any four qualities of a professional nurse

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 18-Jun-2025

Time: Two Hours | Max. Marks: 35 Marks

NUTRITION AND DIETETICS

(RS3 & RS4)

Q.P. CODE: 1732

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any One) 1 x 10 = 10 Marks

1. a) Define Nutrition and Classify the foods
   b) Discuss the factors to be considered in planning a diet for diabetes mellitus

2. a) Discus the importance of nutrition education.
   b) Explain the role of a nurse in nutrition education.

SHORT ESSAYS (Answer any Three) 3 x 5 = 15 Marks

3. Functions of carbohydrate.
4. PFA (Prevention of Food Adultration).
5. Composition of breast milk and cow's milk.
6. Methods of assessing nutritional status of a child below 5 years.

SHORT ANSWERS 5 x 2 = 10 Marks

7. Bitot's spot.
8. Grilling.
9. Dehydration.
10. Vitamin K deficiency.
11. Essential amino acid.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 20-Jun-2025

Time: Three Hours | Max. Marks: 75 Marks

PSYCHOLOGY - (RS3 & RS4)
Q.P. CODE: 1734

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Define personality. Explain in detail psychoanalytic theory of personality development.
2. Define intelligence. Discuss the psychometric assessment of intelligence.
3. Define attention. Discuss the factors influencing attention.

SHORT ESSAYS (Answer any Seven) 7 x 5 = 35 Marks

4. Explain Piaget's theory of cognitive development.
5. Describe the characteristics of mentally healthy person.
6. Discuss conflict resolution
7. Elaborate on Maslow's theory of self actualization.
8. Explain the role of heredity and environment in shaping human behaviour.
9. Explain the theories of emotions.
10. Discuss the uses of psychology in nursing.
11. Explain the types of learning.
12. Discuss psychology of adolescence.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Define psychology.
14. List any four defense mechanisms.
15. Define mental health.
16. What is introspection method of psychology?
17. Mention any four characteristics of perception.
18. Write any four purposes of personality assessment.
19. Define attitude.
20. Write any four warning signs of poor mental health.
21. What is illusion?
22. Define grief.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 23-Jun-2025

Time: Three Hours | Max. Marks: 75

MICROBIOLOGY (RS-3 & RS-4)
Q.P. CODE: 1735

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

LONG ESSAYS (Answer any Two) — 2 x 10 = 20 Marks

1. Define and classify hypersensitivity. Write about anaphylaxis
2. Describe the various cultivation methods of viruses
3. Describe the life cycle and laboratory diagnosis of malaria

SHORT ESSAYS (Answer any Seven) — 7 x 5 = 35 Marks

4. Bacterial growth curve
5. Morphological classification of bacteria
6. Define nosocomial infection and write about its prevention
7. Candida albicans
8. Autoclave
9. Prophylaxis of Tetanus
10. Cysticercosis
11. Syphilis
12. Immunoglobulin M (IgM)

SHORT ANSWERS — 10 x 2 = 20 Marks

13. Two contributions of Louis Pasteur
14. Mention any two antiseptics
15. Acute rheumatic fever
16. Fumigation
17. Draw HIV
18. Mantoux test
19. Negative staining
20. ELISA
21. Two examples of enriched media
22. Gamma radiation

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PB) Degree Examination – 25-Jun-2025

Time: Three Hours | Max. Marks: 75 Marks

MATERNAL NURSING
(RS3 & RS4)
Q.P. CODE: 1736

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Define Prematurity. List the causes of Prematurity. Describe specific nursing care to be provided for a premature baby in the neonatal intensive care unit.

2. Mrs. Suman a 29-year-old primigravida woman is admitted in labour room with 34 weeks of amenorrhoea and severe pregnancy induced hypertension.
   a) What is PIH?
   b) List the clinical manifestation of severe PIH.
   c) Discuss the nursing management of patient with PIH.

3. a) Explain minor disorders of pregnancy.
   b) Discuss role of midwife in educating pregnant women about antenatal care and diet.

SHORT ESSAYS (Answer any Seven) 7 x 5 = 35 Marks

4. Write on Atonic postpartum haemorrhage.
5. Explain about craniotomy.
6. Uses of Oxytocin in obstetrics.
7. List and explain briefly about the problems of breast-feeding.
8. Explain about molar pregnancy.
9. What are the causes of puerperial infection?
10. Management of shoulder dystocia.
11. Explain the causes and management of uterine prolapse.
12. Explain management of polyhydromnios.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Define episiotomy.
14. What is Moulding?
15. Define myoma.
16. Define Involution.
17. List down the causes for Cord presentation.
18. Define eclampsia.
19. Define fetal kick count.
20. Enlist any four abnormalities of placenta
21. Who are called as unwed mothers?
22. Define missed abortion.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 27-Jun-2025

Time: Three Hours Max. Marks: 75

CHILD HEALTH NURSING
(RS-3 & RS-4)
Q.P. CODE: 1737

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. A 4 year old child was brought to be hospital with extreme weight loss and diagnosed to have malnutrition.
   a) Define protein energy malnutrition (PEM)
   b) List the predisposing factors of PEM
   c) Explain the nursing management of the child with PEM

2. A 3 months old baby was brought to the emergency ward with the history of breathing difficulty cyanosis and diagnosed as Tetralogy of Fallot.
   a) Define Tetrology of Fallot
   b) List the defects under Tetralogy of Fallot
   c) Explain the management of child with Tetralogy of Fallot

3. a) Describe the factors affecting growth and development.
   b) Explain the stages of Erikson' psychosocial developmental theory from infancy to adolescence.

SHORT ESSAYS (Answer any Seven) 7 x 5 = 35 Marks

4. Meningitis in children.
5. Hirchsprung's disease.
6. Management of child with club foot.
7. Haemolytic Diseases in Newborn.
8. Methods of oxygen administration.
9. Assessment and management of foreign body aspiration in children.
10. Need of play and selection of play materials in toddlers.
11. Weaning in infants.
12. Wilm's tumor.

SHORT ANSWERS 10 x 2 = 20 Marks

13. List four live attenuated vaccines.
14. List the importance of Anthropometric measurement.
15. Pentavalent vaccine.
16. Phototherapy.
17. Child mortality and morbidity.
18. List any four congenital central nervous system disorders.
19. Pica.
20. Under Five Clinics.
21. Impetigo.
22. Rooting Reflex.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PB) Degree Examination – 30-Jun-2025

Time: Three Hours | Max. Marks: 75 Marks

MEDICAL SURGICAL NURSING
(RS3 & RS4)
Q.P. CODE: 1738

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. a) Define fracture of a bone
   b) Describe types of fracture
   c) Write the nursing management of a patient who has undergone above knee amputation

2. a) Define Glaucoma
   b) What are its causes?
   c) Explain in detail medical, surgical and nursing management of a patient with glaucoma.

3. Mrs. Suma 32-year-old female is admitted with complaints of fever, wheezing, dyspnea and anxiety and has been diagnosed to have an acute asthmatic attack.
   a) What are the predisposing factors leading to asthma.
   b) Explain the pathophysiology of asthma.
   c) Write a nursing care plan for two priority nursing diagnosis of Mrs. suma

SHORT ESSAYS (Answer any Seven) 7 x 5 = 35 Marks

4. Explain the Nurses role in the intensive care unit.
5. Explain the clinical manifestations and management of hernia.
6. Describe the home care management of stroke patient.
7. Describe the nursing management of a patient with acute myocardial infarction.
8. Explain the procedure of Thoracentesis.
9. Describe the causes and management of Sinusitis.
10. Describe the management of client with Otitis media.
11. Describe the clinical manifestations of Acquired immuno deficiency syndrome and medical management of HIV positive client.
12. Describe the management of patient with 60% of burns.

SHORT ANSWERS 10 x 2 = 20 Marks

13. What is Arthroscopy?
14. List the causes of Cardiac tamponade.
15. What is Anasarca?
16. List the clinical features of Pancreatitis.
17. List the drugs used in Dots therapy.
18. List the components of Glasgow coma scale.
19. Write principles of hemodialysis.
20. What is Quinsy?
21. List the types Audiometry.
22. Write the indications for Electro encephalogram.

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – 02-Jul-2025

Time: 3 Hours Max. Marks: 38

BIOCHEMISTRY (RS-3 & RS-4)

Q.P. CODE : 1739

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

(Note: Both QP Codes 1739 and 1740 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) 1 x 10 = 10 Marks

1. Describe the beta oxidation of palmitic acid and add a note on its energetics
2. Explain anaerobic glycolysis in red blood cells, add a note on its energetics

SHORT ESSAYS (Answer any Four) 4 x 5 = 20 Marks

3. Explain the absorption of glucose and factors affecting its absorption
4. Describe the role of hormones in the maintenance of water and electrolyte balance
5. Describe the importance of phospholipids
6. What are ketone bodies? How are they formed?
7. Explain the management of liquid wastes from the laboratory

SHORT ANSWERS 4 x 2 = 8 Marks

8. Competitive inhibition of enzymes
9. Diagnostic application of transaminases enzyme
10. Gout
11. Proteinuria

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – 02-Jul-2025

Time: 3 Hours Max. Marks: 37

BIOPHYSICS - (RS-3 & RS-4)

Q.P. Code: 1740

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

(Note: Both QP Codes 1739 and 1740 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) 1 x 9 = 9 Marks

1. State Pascals Law. How does this Law find its application in measurement of blood pressure? Explain the parts and functions of sphygmomanometer
2. Explain the physiological effects of heat and write the application of principles of heat in nursing

SHORT ESSAYS (Answer any Four) 4 x 5 = 20 Marks

3. Explain the defects of vision and mention how they are corrected
4. Write a short note on CT scan
5. Describe the applications of gravity in nursing
6. Define radioactivity. What are the properties of radioactive isotopes
7. Draw a neat diagram of Lead II ECG and label its components

SHORT ANSWERS 4 x 2 = 8 Marks

8. White dresses are preferred in summers. Why?
9. Distinguish between kinetic energy and potential energy
10. Define velocity and acceleration with their units of measurements
11. Write a short note on hearing aid

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 12-Dec-2025

Time: Three Hours | Max. Marks: 75 Marks

PSYCHOLOGY - (RS3 & RS4)
Q.P. CODE: 1734

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Define personality, explain psychoanalytical theory of development of personality
2. Define learning, enlist the types of learning and explain factors affecting learning
3. Define psychology, explain the scope of psychology

SHORT ESSAYS (Answer any Seven) 7 x 5 = 35 Marks

4. Define mental hygiene, write four characteristics of mentally healthy person
5. Explain any five ego defense mechanisms
6. Explain determinants of attention
7. Discuss Psychological needs of children
8. Explain Laws of learning
9. Define perception, explain the errors in perception
10. Define motives and explain the types of motives
11. Define individual difference and explain causes of individual difference
12. Define memory, describe factors influencing memory

SHORT ANSWERS 10 x 2 = 20 Marks

13. Define conflicts
14. Define stressors
15. List the stages of Grief
16. What is super ego?
17. Define Attitude
18. Mention any four uses of psychology in nursing
19. Write any two difference between illusion and hallucination
20. Write any four warning signs of poor mental health
21. What is parapsychology?
22. Define projection

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 15-Dec-2025

Time: Three Hours | Max. Marks: 75 Marks

MICROBIOLOGY – (RS-3 & RS-4)
Q.P. CODE: 1735

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Discuss in detail role of nurses in prevention of Hospital Acquired Infection.
2. Discuss the pathogenesis and laboratory diagnosis of Enteric Fever.
3. Enumerate organisms causing sexual transmitted disease. Describe laboratory diagnosis of Human Immunodeficiency Virus (HIV).

SHORT ESSAYS (Answer any Seven) 7 x 5 = 35 Marks

4. Ziehl Neelsen stain.
5. Difference between Exotoxins and Endotoxins.
6. Sterilization by Moist Heat.
7. D.P.T
8. Discuss pathogenesis of Cholera.
9. Scrub typhus.
10. Pathogenesis of Herpes Simplex Virus.
11. Laboratory diagnosis of Amoebiasis.
12. Life cycle of Ancylostoma duodenale.

SHORT ANSWERS 10 x 2 = 20 Marks

13. KOCH postulates.
14. Classification of Streptococci.
15. Pulmonary Anthrax.
16. VDRL Test.
17. Covid vaccines.
18. Candidiasis.
19. Hydatid cyst
20. Applications of Agglutination reactions.
21. Draw labeled diagram of IgM.
22. Examples of Type IV Hypersensitivity.

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PB) Degree Examination – 16-Dec-2025

Time: Three Hours | Max. Marks: 75 Marks

MATERNAL NURSING (RS-3 & RS-4)
Q.P. CODE: 1736

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. a) Define antenatal care
   b) List the objectives of antenatal care
   c) Prepare on outline for an antenatal education programme

2. a) Define vesicular mole
   b) Enumerate the clinical manifestation of vesicular mole
   c) Explain the nursing management for patients with vesicular mole

3. a) Enlist the causes of Breech presentation
   b) Explain the varieties of Breech presentation
   c) Describe the management of Breech extraction

SHORT ESSAYS (Answer any Seven) 7 x 5 = 35 Marks

4. Explain female external genitalia
5. Enumerate the signs and symptoms of first trimester of pregnancy
6. Foetal skull
7. Describe the essential newborn care
8. Describe the management of cord prolapse
9. Explain the factors contributing to female and male infertility
10. Outline the role of NICU nurse in prevention of infection in the neonatal unit
11. List the cause and management of primary dysmenorrhea
12. Enumerate the advantages and disadvantages of breast-feeding

SHORT ANSWERS 10 x 2 = 20 Marks

13. Enumerate any four causes of maternal morbidity
14. List the diameters of pelvic inlet
15. Define lightening
16. Define vernix caseosa
17. List the causes of spontaneous abortion
18. Enlist the antepartum predisposing factors of puerperal sepsis
19. Enumerate the indications for ventouse application
20. What are the contraindications for administration of oxytocin?
21. List the complications following surgical management of uterine prolapse
22. Explain LATCH

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 17-Dec-2025

Time: Three Hours | Max. Marks: 75

CHILD HEALTH NURSING
(RS-3 & RS-4)
Q.P. CODE: 1737

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

LONG ESSAYS (Answer any Two) — 2 x 10 = 20 Marks

1. List down the congenital disorders of Gastro Intestinal System. Explain in detail Hirschsprung's disease (Mega Colon)
2. Define Pediatrics. Describe in detail the modern concept of child care
3. Define Growth and Development. Describe the growth and development of a preschooler

SHORT ESSAYS (Answer any Seven) — 7 x 5 = 35 Marks

4. Nephrotic syndrome
5. Prevention of infections in the nursery
6. Rheumatic fever
7. Bronchopneumonia
8. Play therapy
9. Management of a child with convulsions
10. Describe the care of children with traction
11. Thalassemia
12. Enuresis

SHORT ANSWERS — 10 x 2 = 20 Marks

13. Phimosis
14. Pica
15. Hip dislocation
16. Foreign body aspiration
17. Difference between length and height
18. Under five mortality rate
19. Juvenile diabetes mellitus
20. Purpura
21. Apgar scoring
22. Ophthalmic neonatorum

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PB) Degree Examination – 19-Dec-2025

Time: Three Hours | Max. Marks: 75 Marks

MEDICAL SURGICAL NURSING
(RS3 & RS4)
Q.P. CODE: 1738

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. (a) List the causes and clinical manifestations of chest trauma.
   (b) Describe the management of a client with intercostal drainage.

2. Mr. Joseph aged 58 years admitted to the surgical unit with a diagnosis of colorectal cancer and is scheduled for permanent colostomy.
   Explain the pre-operative and post-operative management of Mr. Joseph with appropriate nursing diagnosis.

3. Ramesh an eight-year-old boy is admitted with a history of fever, pain in the joints which is migratory in nature, and history of recurrent throat infections.
   a) What is Rheumatic fever?
   b) List the clinical manifestations and diagnostic tests to be conducted for Ramesh.
   c) Describe the medical and surgical management of Ramesh.

SHORT ESSAYS (Answer any Seven) 7 x 5 = 35 Marks

4. Describe the Non-pharmacological therapy for pain relief in cancer patients.
5. Enumerate on role of nurse in prevention of HIV infection.
6. Explain the management of sub acute intestinal obstruction.
7. Describe the causes and management of Pernicious anemia.
8. Explain the causes and collaborative care of patient with Renal calculi.
9. Explain the procedure and interpretation of Arterial blood gas analysis.
10. Describe the classification and action of Oral hypoglycemic agents.
11. Explain the fluid replacement therapy in burns.
12. Describe Indications for pacemaker therapy and what health education you will provide for a patient with the pacemaker.

SHORT ANSWERS 10 x 2 = 20 Marks

13. What is Audiometry?
14. Define Anal fissure.
15. List any four Preventive measures of hepatitis A.
16. What is Asterixis?
17. List the features of Cretinism.
18. Differentiate between Menorrhagia and Metrorrhagia.
19. What is Pleuritis?
20. List the types of Traction.
21. Name the stages of Shock.
22. Define Strabismus.

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – 22-Dec-2025

Time: 3 Hours | Max. Marks: 38 Marks

BIOCHEMISTRY (RS3 & RS4)

Q.P. CODE : 1739

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

(Note: Both QP Codes 1739 and 1740 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) 1 x 10 = 10 Marks

1. Explain the classification of amino acids based on their structure. Give one example each.
2. Explain the classification of enzyme with examples.

SHORT ESSAYS (Answer any Four) 4 x 5 = 20 Marks

3. Write a note on Enzyme inhibition.
4. Glucose Tolerance Test (GIT).
5. Write a note on the importance of Neoglucogenesis.
6. Explain citric acid cycle.
7. Mention any five functions of Lipids.

SHORT ANSWERS 4 x 2 = 8 Marks

8. Name the two bile salts.
9. Mention any two plasma proteins.
10. Mention the normal levels of i) Blood Potassium ii) Blood Uric acid.
11. Hypoglycemia.

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I year B.Sc. Nursing (PC) Degree Examination – 22-Dec-2025

Time: 3 Hours Max. Marks: 37

BIOPHYSICS - (RS3 & RS4)

Q.P. Code: 1740

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

(Note: Both QP Codes 1739 and 1740 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) 1 x 9 = 9 Marks

1. a) State the laws of reflection
   b) What is refraction of light and refractive index of glass?
   c) Write a note on phototherapy in medical practice

2. a) Draw a diagram showing the refraction of light as it passes through the eye
   b) Explain the refractive errors of eye and their correction

SHORT ESSAYS (Answer any Four) 4 x 5 = 20 Marks

3. Explain the principle, construction and working of an autoclave
4. Explain hydrostatic pressure and osmotic pressure
5. Explain the role of isotopes in medicine
6. Explain construction and working of a sphygmomanometer
7. Distinguish between Kinetic energy and potential energy with examples

SHORT ANSWERS 4 x 2 = 8 Marks

8. Write difference between mass and weight
9. Write a note on ultrasound
10. Explain about MRI scan
11. Write uses of Pulleys

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 07-Jan-2026

Time: Two Hours | Max. Marks: 35 Marks

NURSING FOUNDATION
(RS3 & RS4)
Q.P. CODE: 1731

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

LONG ESSAYS (Answer any One) 1 x 10 = 10 Marks

1. Explain the expanded role of a nurse.
2. a) Define quality assurance
   b) Explain the method adopted to maintain quality in hospital

SHORT ESSAYS (Answer any Three) 3 x 5 = 15 Marks

3. Explain the ethical issues in nursing practice.
4. Explain the role of nurse in biomedical waste management.
5. Describe progressive patient care.
6. Explain the stages of stress response.

SHORT ANSWERS 5 x 2 = 10 Marks

7. List the qualities of a team leader.
8. Define primary nursing.
9. Define evaluation.
10. Define nursing audit.
11. Define profession.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 09-Jan-2026

Time: Two Hours | Max. Marks: 35 Marks

NUTRITION AND DIETETICS
(RS3 & RS4)
Q.P. CODE: 1732

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

LONG ESSAYS (Answer any One) — 1 x 10 = 10 Marks

1. a) Define Weaning.
   b) Write the points to be remembered while weaning.
   c) Prepare the weaning schedule
2. Define Balanced Diet. Explain the components of Balanced Diet.

SHORT ESSAYS (Answer any Three) — 3 x 5 = 15 Marks

3. Micro and Macro nutrients
4. Discuss the routine hospital diet.
5. Food hygiene and its effects
6. Pasteurization

SHORT ANSWERS — 5 x 2 = 10 Marks

7. Food poisoning
8. Colostrum
9. Baking
10. Sources of Calcium
11. Phrynoderma