Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 01-Jul-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. a) Define Biomedical waste.
   b) Explain in detail on waste management of solid and sharps waste.

2. a) Define Growth and Development.
   b) Discuss in detail on factors influencing and principles of Growth and Development.
   c) Explain the problems of Adolescent age group.

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

3. Explain the methods and tools of assessment.
4. Explain the role of professional bodies on setting Nursing Standards.
5. Define Quality Assurance. Explain the Quality Assurance Application Model.
6. Explain ethical principles in nursing.

SHORT ANSWERS **5 x 2 = 10 Marks**

7. List the Problems of the old-age
8. List the four Metaparadigms of theories.
9. Define Stress.
10. Responsibilities of Graduate Nurse
11. Define profession.

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 03-Jul-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. List out the Nutritional problems in India and discuss the current National Nutritional Programmes in India.
2. Define food hygiene and explain the different methods of food preservation.

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

3. Explain supplementary feeding of infants.
4. Describe different methods of cooking.
5. Explain the substitute for non-vegetarian foods.
6. Planning diet for lactating mother.

SHORT ANSWERS **5 x 2 = 10 Marks**

7. Steaming.
8. Scurvy.
9. List out two Vitamin A deficiency disorders.
10. Rich sources of dietary fibre.
11. Define dehydration.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 06-Jul-2026

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 Emotions. Explain the physiological and psychological changes that take place during emotions.
2. Define psychology. Explain the scope Psychology and enumerate its application to nursing.
3. Define Personality. Describe the various psychometric techniques to measure personality.

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

4. How can we control emotions in our self and the patients?
5. Observation method to study the behaviour of human beings
6. **What are the factors that influence the personality of an individual?**
7. Types of Memory.
8. Schedules of reinforcement in operant conditioning.
9. Explain Piaget's theory of Cognitive development.
10. Effective Methods of learning.
11. Theories of Forgetting. How to improve memory
12. Self actualization theory of Abraham Maslow.

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Attitude Change.
14. Stressors
15. Division of Attention.
16. Motivational cycle
17. Illusion
18. Types of Attention.
19. Behaviourism
20. Personality Assessment.
21. Ego, Supergo
22. Amnesia

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 08-Jul-2026

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. Describe the Morphology, Cultural characters, Pathogenecity and Laboratory diagnosis of Corynebacterium Diphtheriae.
2. Define disinfectants. Mention general rules for use of disinfectants. Describe disinfectant of surfaces.
3. Describe the Morphology, Life Cycle and Laboratory diagnosis of Entamoeba histolytica.

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

4. Bacterial Growth Curve.
5. Write a note on HIV.
6. Define vaccines. Differentiate between Salk vaccine and Sabin vaccine.
7. Define antibody. Write the functions of IgM immunoglobulin.
8. Define hypersensitivity reactions. Explain type IV hypersensitivity reactions.
9. Describe antibiotic sensitivity test (AST).
10. Explain Widal test.
11. Ascaris Lumbricoides.
12. Describe the role of nurse in infection control programme.

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Name two types of precipitation test.
14. Define pili.
15. Name two bacterial exotoxins.
16. Define fumigation.
17. Triple Vaccines.
18. Define cold sterilization.
19. Give two examples of Gram negative bacilli.
20. Name two bacteria causing diarrhea.
21. Name two Zoonotic diseases.
22. Name two vectors and the diseases transmitted by them.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PB) Degree Examination – 10-Jul-2026

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 Abortion
   b) List types of abortion
   c) Explain in detail management of abortion

2. a) Define preterm neonate
   b) Explain in detail care of a preterm neonate in NICU

3. a) Define labour
   b) Mention the stages of labour
   c) Explain in detail the nursing management of first stage of labour

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

4. Explain the physiological changes during puerperium
5. Explain the advantages of breast feeding
6. Menstrual cycle
7. Enlist the breast complication and explain it management
8. **Explain the nursing management of newborn with asphyxia neonatorum**
9. Define Ectopic Pregnancy. Explain the emergency management of ectopic pregnancy
10. Mention the uses and nurses responsibility of drug oxytocin
11. **Explain the management of perineal tear**
12. Explain four types of breech presentation

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Enumerate the parts of fallopian tube
14. Exclusive breast feeding
15. PROM
16. Homan sign
17. Define caput succedaneum
18. Opthalmia Neonatrum
19. Mention the clinical features of eclapmsia
20. Complications of multiple pregnancy
21. Name four temporary contraceptive devices
22. Write any two difference gynaecoid and android pelvis

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 13-Jul-2026

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 Three-year-old child is admitted in the paediatric ward with Nephrotic syndrome
   a) Write the pathophysiology of Nephrotic syndrome
   b) Explain the nursing management of child with Nephrotic syndrome
2. Describe the aspects of newborn appraisal and immediate management of newborn period
3. a) Define PEM
   b) Classify PEM
   c) Explain the management of a child with PEM

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

4. Write the nursing management Juvenile diabetes mellitus
5. Illustrate the types of Restraints in children
6. Explain the management of Tetrology of fallot
7. Describe the components of IMNCI
8. Enumerate Health needs and health promotion of Toddler
9. Explain the Management of a child with dehydration
10. Write about types and management of Child abuse
11. Explain the method of Neonatal resuscitation
12. Write the nursing management of Hydrocephalus

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Define Child to child concept
14. Mention the advantages of Exclusive breast feeding
15. State the meaning of Autism
16. Define Hyperbilirubinemia and list its types
17. Expand BFHI and mention two objectives
18. Mention the signs of meningitis
19. Mention the disorders of ears
20. List the types of play in children
21. Define Hydronephrosis
22. Mention the disorders of vitamin A deficiency

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – 15-Jul-2026

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) Describe the etiological factors and pathophysiology of Bronchial Asthma.
   b) Explain the pharmacological therapy for Bronchial Asthma.
   c) Plan a health education on "Preventive aspects of Asthmatic attacks".

2. a) Describe the pathophysiology and staging of Oncological conditions.
   b) Classify the Chemotherapeutic drugs.
   c) Describe the management of Chemotherapy side effects.

3. Mr. Venkatesh, aged 46-year-old mechanic, is admitted to the medical ward with diagnosis of Cirrhosis of Liver. He is a chronic alcoholic, has marked Ascitis and complaints of breathlessness.
   a) Define Cirrhosis of Liver.
   b) Explain the complications of Cirrhosis of Liver.
   c) Stating the goals of care, write specific nursing interventions for two priority-based nursing diagnosis.

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

4. Explain the clinical manifestations, diagnostic studies and possible complications of Myocardial Infarction.
5. Describe the clinical manifestations and medical management of Renal Calculi.
6. Describe the acute care management of Pancreatitis.
7. Differentiate between Benign and Malignant tumour.
8. Explain the types of Fractures and nursing management of patient with Plaster of Paris.
9. Describe the clinical manifestations and management of Cushing's syndrome.
10. Explain the nursing management of client with Head Injury.
11. Prepare a health education plan for client with Cataract Surgery.
12. Describe the procedure of Advanced Cardiac Life Support.

SHORT ANSWERS **10 x 2 = 20 Marks**

13. What is Tonometry?
14. Mention the classification of Burns.
15. Define Mal absorption syndrome.
16. List four types of Chest surgeries.
17. Write the colour coding in Bio Medical Waste Management.
18. Write the pre medications to be administered before Blood Transfusion.
19. Define AIDS.
20. What is the antidote for Organo Phosphorus Poisoning?
21. What is Tension Pneumothorax?
22. What is Hemophilia?

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – 17-Jul-2026

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. Define hyperglycemia. Write in detail the hormonal regulation of blood glucose.
2. What is homeostasis? Explain in detail the factors maintain homeostasis of blood.

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

3. Draw a neat and labelled diagram of cell.
4. Functions of electrolytes.
5. Steps involved in glycolysis.
6. Ketogenesis and its significance.
7. Clinical signification of high cholesterol.

SHORT ANSWERS **4 x 2 = 8 Marks**

8. Night Blindness.
9. Normal value of blood urea and serum creatinine.
10. Glucose tolerance test.
11. Transcription.

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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – 17-Jul-2026

Time: 3 Hours **Max. Marks: 37 Marks**

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. Define specific gravity and center of gravity. What are the effects of gravity on the human body? Write a note on the applications of gravity in nursing.
2. Define force, work and energy. Discuss the different classes of levers with examples.

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

3. Define velocity, acceleration ans speed and mention their respective units.
4. Write a note on the different types of radioactive waves.
5. Explain the purpose, types and clinical importance of artificial pacemaker.
6. Define vocalization. Explain the process of vocalization.
7. Explain the modes of transfer of heat.

SHORT ANSWERS **4 x 2 = 8 Marks**

8. Give the relationship between energy, frequency and wavelength of light.
9. Convert 42^0C into Fahrenheit Scale.
10. List the clinical significance of Glucometer.
11. Define intracranial pressure. Give its normal value.

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