Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 19-May-2025

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

GENERAL MEDICINE – (RS-5)
Q.P. CODE: 2742

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. Discuss the etiology, pathology, clinical feature and management of Bronchiectasis.
2. Define obesity, its causes, complications and management.

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

3. Envenomation.
4. Alpha antitrypsin deficiency and write about its investigation and management.
5. Types of Leprosy.
6. Low birth weight. Problems and management.
7. Write in detail about Iron Deficiency Anaemia.
8. Poisoning and types of poisoning.
9. Explain blue bloater and pink puffer.
10. Clinical features of Psoriasis.
11. Epilepsy. Write about its type and management.
12. Club foot.

SHORT ANSWERS **10 x 3 = 30 Marks**

13. SARS.
14. **Kwashiorkor and Marasmus**
15. Cardiac Tamponade.
16. PFT.
17. Developmental delay.
18. Benzodiazepine.
19. Attention disorder.
20. Dyspnoea.
21. Polyuria.
22. Spina bifida.

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 23-May-2025

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

ORTHOPEDICS AND TRAUMATOLOGY - (RS-5)
Q.P. CODE: 2744

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. Define dislocation. Describe clinical features, investigations, management of anterior shoulder dislocation.

2. Describe the clinical features, investigations and management of Osteoarthritis of knee joint.

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

3. Stress fracture.
4. Osteosarcoma.
5. Tennis elbow.
6. Perthe's disease.
7. Indication and levels of amputation.
8. Pes planus and pes cavus.
9. Torticollis.
10. Calcaneal spur.
11. Thoracic outlet syndrome.
12. Scaphoid fracture.

SHORT ANSWERS **10 x 3 = 30 Marks**

13. Bicipital tendinitis.
14. Bankarts lesion.
15. Erb's palsy.
16. Thomas test.
17. MRI scan.
18. Rickets.
19. Dupuytren's contracture.
20. Gout.
21. Ganglion.
22. Genu varum.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - 26-May-2025

Time: Three Hours **Max. Marks: 100 Marks**

MUSCULOSKELETAL AND SPORTS PHYSIOTHERAPY (RS5)
Q.P. CODE: 2745

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

LONG ESSAYS (Second Question Choice) **2 x 10 = 20 Marks**

1. Explain total hip Arthroplasty and Physiotherapy management following THR.
2. Define Ankylosing Spondylitis. Describe clinical features Physiotherapy management for the same.

   OR

   Discussing details about Postoperative Physiotherapy management following excision femoral head.

SHORT ESSAYS (Question No 3 & 12 choice) **10 x 5 = 50 Marks**

3. Explain in detail about Lateral ligamentous complex of the ankle and types of ankle sprain.

   OR

   Patelectomy and its PT management.
4. PT management following Radial nerve injury.
5. Define CTEV. Write in brief the Physiotherapy management for the same.
6. Explain coccydynia.
7. What are the different levels of amputation in lower limb?
8. Complications following fracture healing.
9. Recurrent dislocation of patella. Write a note on its PT management.
10. Explain about Dupuytren's contracture its causes and management.
11. Gait deviations following total knee replacement.
12. PT management following tendon transfer in Leprosy.

    OR

    Describe the Physiotherapy management for Rotator cuff injury.

SHORT ANSWERS **10 x 3 = 30 Marks**

13. Laminectomy.
14. Stress fracture.
15. Grades of tenderness.
16. What is PRICE?
17. Name any two external fixators.
18. Gutter crutches.
19. FABER test.
20. Roos test.
21. Dowager's hump.
22. Mention the benefits of open and closed Kinetic chain exercises.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 21-May-2025

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

GENERAL SURGERY (RS-5)
Q.P. CODE: 2743

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. Describe factors that affect wound healing. Discuss in detail the steps involved in wound healing
2. Write the classification and management of burns

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

3. Pulmonary Oedema
4. Otitis media
5. Mastectomy
6. Facial palsy – types and management
7. Deep vein thrombosis
8. Indications for Nephrectomy
9. Write a note on maternal changes in pregnancy
10. Biopsy – its uses and types
11. Ventricular septal defect
12. Pneumonectomy

SHORT ANSWERS **10 x 3 = 30 Marks**

13. Types of skin grafts
14. Tracheostomy
15. Bell's phenomenon
16. List four complications of multiple childbirth
17. Raynaud's Phenomenon
18. Tetralogy of fallot
19. Colonoscopy
20. Conjunctivitis
21. Gas gangrene
22. Causes of airway obstruction

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - 28-May-2025

Time: Three Hours **Max. Marks: 100 Marks**

CARDIO RESPIRATORY AND GENERAL PHYSIOTHERAPY (RS5)
Q.P. CODE: 2746

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

LONG ESSAYS (Second Question choice) **2 x 10 = 20 Marks**

1. Define Atelectasis? Write an assessment, short and long term goals and management of Atelectasis.

2. **Write a physiotherapy management of a patient who has undergone left side Mastectomy.**

   OR

   Define cardiac rehabilitation, plan out cardiac rehabilitation program for patients with atrial stenosis.

SHORT ESSAYS (Question No.3 & 12 choice) **10 x 5 = 50 Marks**

3. Manual hyperinflation technique.

   OR

   Exercise prescription for renal failure.
4. Post natal exercise program.
5. Write in detail about autogenic drainage.
6. Physiotherapy management for PVD.
7. Management of dyspnea.
8. Exercise prescription for elderly.
9. Brief the importance of yoga in cardiac problems.
10. Physiotherapy in antenatal care and antenatal education.
11. Physiotherapy treatment in Hypertension.
12. Pediatric bedside assessment.

    OR

    Mechanical aids to increase lung volume.

SHORT ANSWERS **10 x 3 = 30 Marks**

13. Explain PFT.
14. Postural drainage.
15. Suctioning.
16. Management of wound ulcer.
17. Fitness.
18. Classification of respiratory failure.
19. Pelvic floor muscle.
20. Brief out how UVR helps in various skin conditions.
21. ICU (Intensive Care Unit).
22. Diaphragmatic breathing.

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 10-Nov-2025

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

GENERAL MEDICINE – (RS-5)
Q.P. CODE: 2742

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. Definition, classification, aetiology, clinical symptoms, examination and complications of COPD.
2. Write in detail about acute Rheumatic Fever.

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

3. Write brief note about status asthmaticus.
4. Write in detail about Thalassemia Major.
5. Define hypertension. Write about its investigation and management for the same.
6. Wilson disease.
7. Classification of cerebral palsy.
8. Write about lung abscess.
9. Kernicterus.
10. Febrile seizures.
11. Organophosphate poisoning.
12. Viral hepatitis.

SHORT ANSWERS **10 x 3 = 30 Marks**

13. What is different between pneumothorax and pleural effusion?
14. ABG
15. Oliguria.
16. Clubbing.
17. Liver function test.
18. Anti-tubercular drugs.
19. Clinical features of Hydrocephalus.
20. Clumsy child.
21. **Protein Energy Malnutrition**
22. Hemophilia.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 12-Nov-2025

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

GENERAL SURGERY (RS-5)
Q.P. CODE: 2743

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. Definition, types, clinical manifestation, investigations and management of carcinoma of female breast
2. Indications, physiological changes, complications and management of kidney transplant surgery

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

3. Clinical features and management of spontaneous pneumothorax
4. Management of Hysterosalphingography
5. Physiological changes in pregnancy
6. Types, uses and complications of skin grafting
7. Glaucoma – Definition. Clinical features and management
8. Explain the factors affecting wound healing
9. Signs and symptoms and management of atherosclerosis
10. Incision and complications after gastrectomy
11. Drainage and tubes used after surgery
12. Physiological changes and complications post Thoracoplasty

SHORT ANSWERS **10 x 3 = 30 Marks**

13. Post-Menopausal osteoporosis
14. Types and uses of biopsy
15. Phases of wound healing
16. **Tetralogy of Fallot**
17. Chest wall deformities
18. Dilatation and curettage
19. Grid iron incision
20. Scars-types and treatment
21. Congenital Tracheomalacia
22. Otitis media management

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 14-Nov-2025

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

ORTHOPEDICS AND TRAUMATOLOGY - (RS-5)
Q.P. CODE: 2744

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. Describe the causes, clinical features, investigation and management of osteoarthritis
2. Describe the stages, clinical features, investigation and management of Interverterbral Lumbar Disc Prolapse

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

3. . Ewing Sarcoma
4. . Phantom limb
5. . Fracture healing
6. . Lumbar Spondylosis
7. . Both bones fracture of lower limb
8. . Pott's fracture
9. Patella fracture
10. Whiplash injury
11. Septic arthritis
12. Avascular necrosis

SHORT ANSWERS **10 x 3 = 30 Marks**

13. . Aeroplane splint
14. . Piriformis syndrome
15. . Delayed union
16. . Anterior cruciate ligament
17. . Waddling gait
18. . Vertical Talus
19. . Sudeck's atrophy
20. . Colles Fracture
21. . Plica Syndrome
22. . Jefferson's Fracture

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - 17-Nov-2025

Time: Three Hours **Max. Marks: 100 Marks**

MUSCULOSKELETAL & SPORTS PHYSIOTHERAPY - (RS-5)
Q.P. CODE: 2745

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

LONG ESSAYS (Second Question choice) **2 x 10 = 20 Marks**

1. Define scoliosis, describe the postoperative management following Harrington rod fixation for thoracolumbar scoliosis.
2. Add a note on transtibial amputation, PT assessment and management for the same.

   OR

   List the causes for IVDP. Explain PT assessment and management for failed back syndrome.

SHORT ESSAYS (Question No.3 & 12 choice) **10 x 5 = 50 Marks**

3. Role of yoga in the treatment of cervical spondylosis

   OR

   Classify ankle instability. Explain the PT rehabilitation to improve the ankle stability
4. List the causes for osteoporosis, write the PT management emphasising on exercises
5. Explain the various spinal orthoses and describe SOMI brace
6. Define Rheumatoid Arthritis and its deformities. Explain PT management for foot deformities in RA
7. Describe Carpal tunnel syndrome and write the PT management for the same
8. Explain the PT management for supraspinatus tendinitis
9. Indications for Total knee replacement, explain post-operative PT management
10. Explain PT rehabilitation for sub- acute stage of Ankylosing spondylitis
11. Explain the PT management following ulnar nerve injury
12. What is Plantar fasciitis and its PT management

    OR

    Define spondylolisthesis, name the types of and explain the PT management

SHORT ANSWERS **10 x 3 = 30 Marks**

13 Sacral angle

14. Ober's Test
15. Significance of Q angle
16. Intrinsic plus deformity
17. Any two indications and contra indications of mobilization
18. Volkmann's ischemic contracture
19. Define flexibility
20. Any two tests for tennis elbow
21. Precautions following Total hip replacement
22. Thomas splint.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - 19-Nov-2025

Time: Three Hours **Max. Marks: 100 Marks**

CARDIO RESPIRATORY AND GENERAL PHYSIOTHERAPY (RS5)
Q.P. CODE: 2746

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

LONG ESSAYS (Second Question choice) **2 x 10 = 20 Marks**

1. Define pulmonary rehabilitation? Explain in detail about indications and various components of pulmonary rehabilitation.

2. Detail physiotherapy management for 55-year-old women who had undergone radical mastectomy.

   Or

   Classify Burns and explain physiotherapy management for 42-year male with burns on anterior aspect of chest and neck.

SHORT ESSAYS (Question No.3 & 12 choice) **10 x 5 = 50 Marks**

3. **Indication, contraindication, Implementation, complications of incentive spirometry.**

   OR

   ACBT - Active Cycle of Breathing Techniques

4. PNF technique of respiration.
5. Various grading of Dyspnea.
6. Buerger's exercise.
7. Name the pelvic floor muscles. How to strengthen the pelvic floor muscles.
8. Arterial blood gas analysis.
9. Types and indications of Humidifier.
10. Bronchopulmonary segments.
11. Exercise prescription for 50-year-old male, diabetic patient.
12. Suction technique procedure and precautions.

    Or

    What is pneumonectomy and how to prevent complications of pneumonectomy?

SHORT ANSWERS **10 x 3 = 30 Marks**

13. Types of cyanosis.
14. Causes for clubbing.
15. List the complications of ventilator.
16. Body mass index.
17. **AMBU - Artificial Manual Breathing Unit.**
18. Pulse Oximetry.
19. Factors affecting exercise performance.
20. **PEEP - Positive end-expiratory pressure**
21. Tetralogy of Fallot.
22. Episiotomy.

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