Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 16-May-2023

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

GENERAL MEDICINE (RS3 & RS4)
Q.P. CODE: 2714

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, pathogenesis and management of diabetes mellitus
2. Explain the causes, clinical features, complications and management of hemophilia

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

3. Write in detail about the source and spread of infection
4. Explain the signs and symptoms and management of tuberculosis
5. Define Psoriasis. Add a note on management of psoriasis
6. Write a note on management of obesity
7. Explain the types, clinical features and management of cerebral palsy
8. Write a note on Iron deficiency anemia
9. Add a note on Jones criteria for diagnosis of acute rheumatic fever
10. Explain briefly about patent ductus arteriosus
11. Write a note on anxiety disorders, classification and its management
12. Define Cyanosis. Explain the types and its management

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

13. Evaluation of body mass index
14. Define food poisoning
15. Name any three drugs used to treat bronchospasm and inflammation
16. Complications of diabetes
17. Name vaccine in current clinical use
18. Define Bronchiectasis and its types
19. Causes of megaloblastic anemia
20. Types of obesity
21. Name four hypoglycemic agents
22. Define lung abscess

III Year B.P.T. Degree Examination – 16-May-2023

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, types, aetiology, pathogenesis, clinical features and management of Pneumonia.
2. Define bronchial asthma. Write a note on its types, clinical features and management.

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

3. Define cyanosis. Mention its causes.
4. Management of DVT.
5. Types of obesity.
6. Endocarditis.
7. Hepatic carcinoma.
8. Clinical features of Duchenne Muscular Dystrophy.
9. Clinical features of Endocrine disorders.
10. Kwashiorker.
11. Varicose veins.
12. Diagnosis and management of HIV.

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

13. Define pleural effusion.
14. Clinical features of Crohn's disease.
15. MMR vaccine.
16. Name two antidotes of OP poisoning.
17. Define bronchiectasis.
18. Glucose tolerance test.
19. Drugs used in un-stable angina.
20. Types of Gallstones.
21. Marasmus.
22. Indications of Blood transfusion.

*****

III Year B.P.T. Degree Examination – 18-May-2023

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

GENERAL SURGERY (RS3 & RS4)
Q.P. CODE: 2715

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 in detail aetiology and pathogenesis of Atherosclerosis
2. Describe the Aetiology, Clinical features and Management of Bronchiectasis

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

3. Complication of Blood Transfusion
4. Local Anaesthesia
5. Pulmonary Embolism
6. Pneumonectomy
7. Pleural Effusion
8. Ventricular Septal Defect
9. Types and uses of Flaps
10. Appendicectomy
11. Magnetic Resonance imaging (MRI)
12. Otitis media

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

13. Pre-Eclampsia
14. Clinical features of cardiac tamponade
15. Types of Squint

16. Dilation and Curettage
17. Name three pre-natal infections
18. Name two blood components and their uses
19. Endometriosis
20. Types of wounds
21. Types of suture materials
22. Haemothorax

III Year B.P.T. Degree Examination – 18-May-2023

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. Describe the indication and complications of Blood Transfusions.
2. Indications, clinical features and management of Acute Cholecystitis.

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

3. Aneurysm.
4. Heart transplant.
5. Staging of Cancer.
6. Patent ductus arteriosus.
7. Management of **Tuberculosis**.
8. Femoral hernia.
9. Incisions of abdomen.
10. Sterility.
11. Haemothorax.
12. Conjunctivitis.

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

13. Tracheal stenosis.
14. Hysteron salpingography.
15. Otosclerosis.
16. Name the post operative complications.
17. Biopsy – uses and types.
18. Decortications.
19. Rib fractures.
20. Glaucoma.
21. Nephrectomy indications.
22. Ptosis and its management.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 20-May-2023

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

ORTHOPAEDICS AND TRAUMATOLOGY
(RS3 & RS4)
Q.P. Code: 2716

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. Write about causes and mechanism, clinical features and management of supra-condylar fracture of Humerus.
2. Write about causes, clinical features, diagnosis and management of chronic Osteomyelitis.

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

3. Tennis elbow.
4. Morton's neuroma.
5. Ankylosing Spondylitis.
6. Rickets.
7. Osteoporosis.
8. Calcaneal spur.
9. Galaezzi fracture dislocation.
10. Foot drop causes and management.
11. Causes, clinical features and management of fracture neck of femur.
12. Foot drop.

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

13. Cervical Rib.
14. Smith's fracture.
15. Sequestrum.
16. Osteoid osteoma.
17. Bursitis around the knee joint.
18. Complications of supra-condylar fracture of Humerus.
19. Achilles tendinitis.
20. Trigger finger.
21. Ganglion.
22. Compound fracture.

III Year B.P.T. Degree Examination – 20-May-2023

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. Describe clinical features, investigations, management of Tuberculosis of spine.
2. Describe the mechanism of injury, clinical features, complications and management of anterior dislocation of hip joint.

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

3. Monteggia fracture.
4. Osteochondroma.
5. Golfer's elbow.
6. Cervical spondylosis.
7. Chondromalacia patella.

8. Piriformis syndrome.
9. CTEV.
10. Carpal tunnel syndrome.
11. ACL tear.
12. Frozen shoulder.

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

13. . Swan neck deformity.
14. . Trendelenburg sign.
15. . Calcaneal spur.
16. . Kocher's maneuver.
17. . CT scan
18. . Hallux valgus.
19. . Dupuytren's contracture.
20. . Metatarsalgia.
21. . Head halter traction.
22. . Genu valgum.

*****

III Year B.P.T. Degree Examination - 22-May-2023

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

ORTHOPAEDICS AND SPORTS PHYSIOTHERAPY - (RS3 & RS4)
Q.P. CODE: 2717

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. Physiotherapy assessment and management of 50 year old female patient with neck of femur fracture.

2. Causes and physiotherapy management of congenital hip dislocation.
   OR
   Explain in detail about physiotherapy management of anterior dislocation of shoulder.

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

3. Physiotherapy management of Torticollis.
   OR
   Exercise prescription for OA knee.
4. Management of claw hand.
5. PA shoulder management.
6. Physiotherapy management for lumbar spondylosis.
7. Scoliosis and its types.
8. Complication of Colle's fracture.
9. Physiotherapy management of Tennis elbow.
10. Yoga postures for low back pain.
11. Definition, etiology clinical features of Poliomyelitis.
12. Rehabilitation following total knee replacement.
    OR
    Management of Kyphosis.

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

13. Spinal canal stenosis.
14. Types of spina bifida.
15. Grades of spondylolisthesis.

16. Chondromalacia patella.
17. Volkmann's ischemic contracture.
18. Define agility.
19. Slump test.
20. Mallet finger.
21. Cobb's angel.
22. Arthroscopy and its use.

III Year B.P.T. Degree Examination - 22-May-2023

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. Assessment and management of case of posterolateral disc prolapsed, (L4-L5 level) with pain radiating to left thigh 54year old female tailor by profession.
2. Plan the rehabilitation protocol for a 28 year old footballer who has undergone bone patellar ACL reconstructive surgery through arthroscopic procedure.

   OR

   Define CDH/DDH. Assessment and Physiotherapy management for the same.

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

3. Write the PT assessment of lateral epicondylitis.

   OR

   Juvenile rheumatoid arthritis.
4. Limb length discrepancy causes and its methods of assessment.
5. Define carpal tunnel syndrome. Assessment, physiotherapy management for the same.
6. Define Torticollis. PT management for the same.
7. What are the causes of spondylolisthesis? Write exercise prescription for the same.
8. Plantar fascitis-causes and management.
9. What are the indications for external fixators following a fracture? PT management for fracture middle shaft of femur.
10. PT management of Ankylosing Spondylitis.
11. Stump care and Bandaging.
12. Write a note on Osteomyelitis.

    OR

    Define cervical brachialgia. Mention physical therapy objectives for the treatment.

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

13. Obers – test and indications.
14. Symptoms of spinal canal stenosis.
15. Plumb line.
16. Fat embolism.
17. Skeletal traction.
18. Osteotomy.
19. Mills test.
20. Monteggia fracture.
21. Significance of "Q Angle".
22. Dexa Scan.

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - 24-May-2023

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

CARDIO RESPIRATORY AND GENERAL PHYSIOTHERAPY
(RS3 & RS4)
Q.P. CODE: 2718

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 the physiotherapy management of a patient suffering with burns on the anterior part of neck and chest
2. Write in detail about the various equipments in the intensive care unit

OR

Explain the various inspiratory and expiratory breathing exercises

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

3. Explain active cycle of breathing technique

OR

Describe postural drainage positions for the segments of right lower lobe of the lung

4. Write a note on post – natal exercises
5. Write a brief note on nebulization
6. Explain physiotherapy management of a patient who has undergone left lower lobe lobectomy
7. Explain physiotherapy management of an unilateral above knee amputation patient
8. Write physiotherapy management for vitiligo
9. Write a note on positive expiratory pressure device
10. Explain huffing and coughing techniques
11. Explain the indications and therapeutic effects of proprioceptive neuromuscular facilitation techniques of respiration
12. Management of hyperhydrosis of hands

OR

Physiotherapy management for varicose veins

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

13. Grades of dysnoea
14. SIMV mode of ventilator
15. Complications after pulmonary surgeries
16. Karvonens formula
17. Drugs to help sputum clearance
18. Indications for ECG stress testing
19. Central and peripheral cyanosis
20. Types of pneumothorax
21. Complications following amputation
22. Classical findings in the X – ray of Chronic Obstructive Pulmonary Disease (COPD)

*****

III Year B.P.T. Degree Examination - 24-May-2023

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. Write the assessment and management of COPD.

2. Exercise planning and prescription for type II Diabetes Mellitus.

Or

Write the phases of cardiac rehabilitation.

Rajiv Gandhi University of Health Sciences, Karnataka

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

3. Kegell's exercises.

   Or

   Write the physiotherapy management for the patient who is on intercostal drainage.
4. Write the modes of ventilation.
5. Ankle brachial index.
6. Write the termination criteria of Exercise Tolerance Test.
7. Auscultation of lung.
8. Difference between huffing and coughing.
9. Physiotherapy assessment and management of bronchial asthma.
10. Perioral stimulation.
11. Chest manipulation techniques.
12. Respiratory failure.

    Or

    Physiotherapy management for cystic fibrosis.

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

13. Ventilation and perfusion ratio.
14. Incentive spirometry.
15. What is Barrel chest appearance?
16. Reid Index.
17. Heart Sounds.
18. Painful perinium.
19. Ground glass appearance.
20. Homan's test.
21. Keloid scar.
22. Types of Ulcers.

*****

III Year B.P.T. Degree Examination – 22-Nov-2023

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

GENERAL MEDICINE (RS5)
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. Aetiology, types, clinical features and management of Chronic Obstructive Pulmonary Disease (COPD).
2. Aetiology, clinical features, complications and management of Endocarditis.

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

3. Clinical features and management of lung abscess.
4. Peritonitis.
5. Treatment of diabetes mellitus.
6. Clinical features and management of leprosy.
7. Cerebral palsy.
8. Clinical features and treatment of obesity.
9. Malabsorption syndrome.
10. Clinical features and management of anxiety disorder.
11. Diagnostic criteria and management of Rheumatic fever.
12. Management of Hypertension.

Rajiv Gandhi University of Health Sciences, Karnataka

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

13. Complications of Haemophilia.
14. Universal precautions by health care professional to prevent spread of respiratory viral infections.
15. Enumerate four drugs of misuse.
16. Clinical features of hypothyroidism.
17. Management of **Osteomalacia**.
18. Modes of transmission of human immunodeficiency virus.
19. Clinical feature of dermatitis.
20. Enumerate four vaccine preventable diseases.
21. Enumerate four problems of low birth weight baby.
22. Clinical features of Autism.

*****

III Year B.P.T. Degree Examination – 22-Nov-2023

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

GENERAL MEDICINE (RS3 & RS4)
Q.P. CODE: 2714

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. Classify obesity. Add a note on management of obesity.
2. Mention in detail about causes, pathology, clinical features and management of Hepatitis B.

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

3. Cushing’s syndrome.
4. Schizophrenia.
5. Hemophilia.
6. Stages and management of OP poisoning.
7. Myocarditis.
8. Acute cholecystitis.
9. Sources and spread of infection.
10. Blue bloater and Pink puffer.
11. Wilson’s disease.
12. Define and classify anemia.

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

13. MMR vaccine.
14. Problems of low-birth-weight infants.
15. Define lung abscess.
16. Classification of pneumothorax.
17. Types of gall stones.
18. Acne vulgaris.
19. Define autism.
20. BCG vaccine.
21. Name two laboratory tests to diagnosis HIV.
22. Liver function test.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 27-Nov-2023

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

ORTHOPAEDICS AND TRAUMATOLOGY
(RS3 & RS4)
Q.P. CODE: 2716

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 clinical features, investigations and treatment of tuberculosis of spine.
2. Describe the attachments of ilio-tibial band. Clinical features and treatment of ilio-tibial band contractures.

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

3. Fracture Trochanter.
4. Colle's fracture.
5. Ewing's sarcoma.
6. Tennis elbow.
7. Posterior dislocation hip joint.
8. Foot drop.
9. Boutannier's deformity.
10. Fracture scaphoid.
11. Cervical rib.
12. Acute ostemoyelitis.

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

13. Mallet finger.
14. Prepatellar bursitis.
15. Bicipital tendinitis.
16. Gout.
17. Sequestrum.
18. Barton's fracture.
19. Meniscal injuries.
20. Volkmans's ischaemic contracture.
21. Osteomalacia.
22. Shoulder hand syndrome.

*****

III Year B.P.T. Degree Examination – 27-Nov-2023

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

ORTHOPEDICS AND TRAUMATOLOGY (RS5)
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. What is ankylosing spondylitis? What are the causes, clinical features, investigations? Complications and management of ankylosing spondylitis.
2. Define dislocation. Describe clinical features, investigations, management of shoulder joint dislocation.

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

3. Cervical rib.
4. Claw Hand.
5. CT scan and MRI.
6. What is Metatarsalgia? Write about its management.
7. Hallux valgus.

8. Causes for piriformis syndrome, clinical features and its management.
9. Frozen shoulder.
10. Smiths fracture.
11. Explain the mechanism of injury in meniscal tears, types and its conservative management.
12. Legg-Calve-Perthe's Diseases.

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

13. Pathological fracture.
14. Bankart's repair.
15. Arthroscopy.
16. Skeletal traction.
17. Myositis ossificans.
18. Complications of Colle's fracture.
19. Importance of Cobb's angle.
20. Osgood's Schlatter's Disease.
21. Scheurmann's disease.
22. Torticollis.

*****

II Year B.P.T. Degree Examination - 29-Nov-2023

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

ORTHOPAEDICS AND SPORTS PHYSIOTHERAPY - (RS3 & RS4)
Q.P. CODE: 2717

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. 47 year tennis player underwent for the rotator cuff reconstruction surgery. Write in detail PT rehabilitation protocol.

2. Write signs, symptoms and PT management following below knee amputations.
   OR
   Describe the different stages in intervertebral disc degeneration with physical therapy management of cervical spondylosis.

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

3. PT management for Sacro iliac joint pain.
   OR
   Explain types of prosthesis for below knee amputee.
4. Explain the principles of tendon transfers.
5. Role of physiotherapy in CTEV.
6. PT management following hamstring strains.
7. PT management following radial nerve injury.
8. What are the special tests adopted for diagnosing mensical injury? Write in detail about one of the test.
9. Plantar fasciitis – causes and PT management.
10. PT assessment of ankylosing spondylitis.
11. PT management following patellar fracture.
12. Scoliosis and its PT management.
    OR
    Limb length discrepancy causes and its methods of assessment.

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

13. Empty can test.
14. Roo's test.
15. Centralization phenomenon.
16. Galezzi fracture.
17. Golfer's elbow.
18. Any two indications of osteotomy.
19. Indications of synovectomy.

20. Volkmann's ischemic contracture.
21. Two uses of prosthetic foot.
22. Coccdynia.

*****

III Year B.P.T. Degree Examination - 29-Nov-2023

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. Define tendon transfer, principles of Rehabilitation after a tendon transfer surgery. Mention some important tendon transfer surgery usually performed in lower limb in case of poliomyelitis.
2. Write in detail about Anterior dislocation of shoulder.

   OR

   Define lumber Spondylosis and explain in detail about PT management for the same.

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

3. Explain the types of prosthesis for below knee amputee.

   OR

   Physiotherapy assessment of TB spine.
4. Assessment for lateral epicondylitis along with the special test which aid in its diagnosis.
5. PT management following both Bone fracture forearm.
6. Stages of Fracture healing.
7. Explain Genu Varum.
8. Health related physical fitness components.
9. Importance of core stabilization exercise in the management of LBA.
10. Describe chondromalacia patella. PT management for chondromalacia patella.
11. Explain the three pain syndromes of Mckenzie's concept.
12. Define perthe's disease. Mention PT management for a 2-year-old boy diagnosed with the same.

    OR

    Physiotherapy for adhesive capsulitis of Shoulder.

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

13. Jones fracture.
14. Tourniquet.
15. Define Tenosynovitis.
16. Milwaukee brace.
17. SLR and its significance.
18. Difference between contracture and deformity.
19. Plica syndrome.
20. Wrist drop.
21. Two tests for thoracic outlet syndrome.
22. Arthrodesis.

****