Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 28.05.2024

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 aetiology, pathology, clinical features and management of chronic obstructive respiratory disease.
2. Define hyperthyroidism. Describe formation of thyroid hormone, clinical features and management of Hypothyroidism.

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

3. Peptic ulcer disease.
4. Classification and management of obesity.
5. Muscular dystrophy.
6. Peritonitis.
7. Management of Gonorrhoea.
8. Rickets.
9. Chronic complications of diabetes mellitus.
10. Clinical features of rheumatic fever.
11. Define anxiety disorder – classification and management.
12. Management of inhalation burns.

SHORT ANSWERS 10 x 3 = 30 Marks

13. Polio vaccine.
14. Aneurysm.
15. Respiratory acidosis.
16. Two causes for epigastric pain.
17. Four Cyanotic Congenital Heart Disease.
18. Two causes of Hepatomegaly.
19. Osteoporosis.
20. Gout.
21. Grades of clubbing.
22. Causes of development delay.

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 30-May-2024

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. Indications, physiological changes, complications and management of Thoracoplasty
2. Describe skin grafts and flaps-definition, types, common sites, differences, advantages and disadvantages

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

3. Explain hemostasis and its components
4. Importance of post-natal care
5. Explain the medical and surgical management of fascial palsy
6. Define wound. Explain the management of hypertrophic scar
7. Briefly describe the different types of abdominal incision.
8. Signs and symptoms and management of varicose veins
9. Inguinal hernia and its surgical management
10. Explain on the musculoskeletal problems during pregnancy
11. Clinical features and management of plural effusion
12. Types and management of urinary incontinence

SHORT ANSWERS 10 x 3 = 30 Marks

13. Endoscopy – types and uses
14. Complications of Nephrectomy
15. Prevention of deep vein thrombosis
16. Post operative complications
17. Radical mastectomy
18. Staging of cancer
19. Keloid scar and its management
20. List the main functions of blood
21. Open heart surgery
22. What is decortication of the lung?

*****

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 03-Jun-2024

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. Define and classify cerebral palsy, Explain the clinical features, complications and management.
2. Define Amputation. Write in detail about the levels of amputation of both upper and lower extremities, indications of amputation and complication.

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

3. Perthe's disease.
4. Gouty arthritis.
5. Explain the immediate and early complications following fracture shaft of femur.
6. Fracture Healing.
7. Recurrent dislocation of patella.
8. Spinal stabilization surgeries.
9. Adhesive capsulitis of shoulder.
10. Meniscus injury of knee joint.
11. TB spine.
12. Torticollis.

SHORT ANSWERS 10 x 3 = 30 Marks

13. Jones fracture.
14. Deformities in Rheumatoid Arthritis.
15. Four complications of fracture.
16. Bennet's fracture.
17. Contractures.
18. What is Amelia and Phocomelia?
19. Clinical features of SLE.
20. Pes-Cavus-definition.
21. Hangman's Fracture.
22. Orthosis-4 functions.

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - 05-Jun-2024

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. Explain Lumbarisation and Sacralisation? Describe core stability exercises in LBA.
2. What is gangrene? Explain PT assessment and management of below knee amputation.
   OR
   Explain the predisposing factors & complications of TB spine, write the PT management for the same

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

3. Define Torticollis. Explain the PT management for the same.
   OR
   Describe SI dysfunction. Write the special test for SI dysfunction.
4. What is Kyphosis, mention its types. Explain PT management for postural kyphosis.
5. Manual Muscle testing for Hamstring Muscle.
6. Explain PT assessment for chronic OA. Knee. Add a note on orthotic prescription for valgus deformity of knee.
7. Explain rehabilitation of muscle from Power Three to power Five.
8. Conservative PT management for septic arthritis.
9. PT assessment for cervical spondylosis.
10. PT management following ACL repair.
11. PT assessment and conservative management for rotator cuff injury.
12. List the principles of tendon transfer & explain rehabilitation of Flexor carpi radialis tendon transfer in wrist drop.
    OR
    What are the complications of femur shaft fracture, explain the postoperative PT management?

SHORT ANSWERS 10 x 3 = 30 Marks

13. Plica syndrome
14. Myositis ossificans
15. Milwaukee brace
16. Grades of mobilisation
17. 4 differences between orthosis and prosthesis
18. PRICE protocol
19. Thoracic Outlet syndrome
20. Roos test
21. Classification of patellar fracture
22. Upper limb tension test for radial nerve

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - 07-Jun-2024

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. Physiotherapy management for 50 year old male who had undergone CABG

2. Explain in detail about various airway clearance technique.
   Or
   What is pulmonary rehabilitation? Write in detail on Components and benefits of pulmonary rehabilitation.

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

3. PNF technique of respiration.
   Or
   Physiotherapy management for burn scar.
4. Autogenic drainage.
5. Coughing and Huffing techniques.
6. Difference between neuropathic and Neuro-ischemic ulcer.
7. Advantage and disadvantages of Humidifier.
8. Bronchopulmonary segments.
9. Micro- Macro circulation.
10. Exercise tolerance test.
11. Explain normal ECG wave.
12. Physiotherapy management for varicose vein.
    Or
    Buerger's exercise.

SHORT ANSWERS 10 x 3 = 30 Marks

13. Ventilation perfusion ratio.
14. PEEP
15. Paradoxical breathing.
16. Tetralogy of Fallot.
17. Cyanosis and it's types.
18. Grading of clubbing.
19. Episiotomy.
20. Endotracheal tube parts and types.
21. Cor pulmonale.
22. Indications for PFT.

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 20-Nov-2024

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. Definition, aetiology, types, clinical features and management of bronchiectasis?
2. Definition, aetiology, clinical features, and management of ischemic heart disease?

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

3. Complications and management of haemophilia?
4. Modes of transmission and prophylaxis of human immune deficiency virus (HIV)?
5. Clinical features and management of diabetes mellitus?
6. Complications and management of leprosy?
7. Cerebral palsy.
8. Marasmus.
9. Peptic ulcer disease.
10. Clinical features and management of depression.
11. Deep vein thrombosis (DVT).
12. Clinical features and management of pleural effusion?

SHORT ANSWERS 10 x 3 = 30 Marks

13. Drugs used in hypertension?
14. Universal precautions by health care professional to prevent spread of respiratory viral infections?
15. Enumerate four drugs of misuse?
16. Complications of obesity.
17. Management of osteoporosis.
18. Modes of transmission of hepatitis b virus.
19. Clinical features of psoriasis?
20. Enumerate four vaccine preventable diseases?
21. Uses of pulmonary function tests.
22. Clinical features of hypothyroidism?

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 22-Nov-2024

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. Classify congenital heart diseases and write a note on Fallot's tetrology.
2. Describe management of 50% second degree burns of trunk and extremities.

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

3. Glaucoma.
4. Acute pyogenic abcess.
5. Complications of normal labour.
6. Decortications.
7. Lactation.
8. Septic shock.
9. Abdominal wall incision.
10. Appendicectomy.
11. ICD (Inter Costal Drainage)
12. AIDS.(Acquired Immuno deficiency Syndrome)

SHORT ANSWERS 10 x 3 = 30 Marks

13. Causes of hyperpigmentation.
14. Causes of haematuria.
15. Aneurysm.
16. Oral hydration therapy.
17. ABC of resuscitation.
18. Facial palsy.
19. Ryle's tube.
20. TNM classification of breast cancer.
21. Ptosis.
22. Tracheal disruption.

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 25-Nov-2024

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. Classify supracondylar humerus fracture, and describe mechanism, clinical features and management supracondylar humerus fracture.
2. Describe clinical features, radiological features, diagnosis and management of osteoporosis.

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

3. Frozen shoulder
4. Gait
5. Dupuytrens contracture
6. Neck of femur fracture
7. Chronic osteomyelitis
8. Rehabilitation of ACL injury
9. Pathological fracture
10. Charcot joint
11. Psoriatic arthritis
12. Osteosarcoma

SHORT ANSWERS 10 x 3 = 30 Marks

13. Internal Fixation Devices in orthopedics
14. VITAMIN - D
15. Wrist drop
16. Triple deformity of knee
17. Triceps tendinitis
18. Epiphysis layers
19. Bennet's fracture
20. Continuous passive mobilization
21. Anti-ccp (Anti-Cyclic Citrullinated Peptide Antibody)
22. Crutch walking

*****

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - 27-Nov-2024

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 fitness. Describe components of physical fitness.
2. Explain the PT management following surgical management of Ilium fracture.

   OR

   Explain the PT management for Adhesive Capsulitis.

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

3. Define cerebral palsy. Outline a physiotherapy treatment plan for a 2 yr old with spastic Diplegia.

   OR

   Describe exercises for forward neck posture.
4. What are the common deformities seen in poliomyelitis, explain the role of assistive devices used in poliomyelitis.
5. Explain the PT management for DOMS.
6. Explain in detail about clinical test in bicipital tendonitis?
7. Explain two special tests and PT management for golfer's elbow.
8. Explain the various complications of fracture and importance of Physiotherapy management.
9. Describe the PT management following ACL Reconstruction.
10. Explain PT management following cemented total hip arthroplasty.
11. What are the factors to be examined prior to lower limb orthosis prescription?
12. Explain the PT management for altered GH rhythm.

    OR

    Explain PT management following fracture shaft of femur.

SHORT ANSWERS 10 x 3 = 30 Marks

13. What is Anterior Drawer test?
14. What is McKenzie method of mobilization?
15. Rheumatoid nodules.
16. List the role of physiotherapy in TB hip.
17. Gibbus.
18. What is Athetosis?
19. What is Scissoring gait?
20. Post polio residual paralysis.
21. Ulnar claw hand.
22. What is ideal stump?

*****

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 25-Nov-2024

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. Classify supracondylar humerus fracture, and describe mechanism, clinical features and management supracondylar humerus fracture.
2. Describe clinical features, radiological features, diagnosis and management of osteoporosis.

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

3. Frozen shoulder
4. Gait
5. Dupuytrens contracture
6. Neck of femur fracture
7. Chronic osteomyelitis
8. Rehabilitation of ACL injury
9. Pathological fracture
10. Charcot joint
11. Psoriatic arthritis
12. Osteosarcoma

SHORT ANSWERS 10 x 3 = 30 Marks

13. Internal Fixation Devices in orthopedics
14. VITAMIN - D
15. Wrist drop
16. Triple deformity of knee
17. Triceps tendinitis
18. Epiphysis layers
19. Bennet's fracture
20. Continuous passive mobilization
21. Anti-ccp (Anti-Cyclic Citrullinated Peptide Antibody)
22. Crutch walking

III Year B.P.T. Degree Examination – 25-Nov-2024

ORTHOPEDICS AND TRAUMATOLOGY - (RS-5)

Q.P. CODE: 2744

CORRECTIONS

13. Internal Fixation Devices in orthopedics
21. Anti-ccp (Anti-Cyclic Citrullinated Peptide Antibody)

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - 27-Nov-2024

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 fitness. Describe components of physical fitness.
2. Explain the PT management following surgical management of Ilium fracture.

   OR

   Explain the PT management for Adhesive Capsulitis.

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

3. Define cerebral palsy. Outline a physiotherapy treatment plan for a 2 yr old with spastic Diplegia.

   OR

   Describe exercises for forward neck posture.
4. What are the common deformities seen in poliomyelitis, explain the role of assistive devices used in poliomyelitis.
5. Explain the PT management for DOMS.
6. Explain in detail about clinical test in bicipital tendonitis?
7. Explain two special tests and PT management for golfer's elbow.
8. Explain the various complications of fracture and importance of Physiotherapy management.
9. Describe the PT management following ACL Reconstruction.
10. Explain PT management following cemented total hip arthroplasty.
11. What are the factors to be examined prior to lower limb orthosis prescription?
12. Explain the PT management for altered GH rhythm.

    OR

    Explain PT management following fracture shaft of femur.

SHORT ANSWERS 10 x 3 = 30 Marks

13. What is Anterior Drawer test?
14. What is McKenzie method of mobilization?
15. Rheumatoid nodules.
16. List the role of physiotherapy in TB hip.
17. Gibbus.
18. What is Athetosis?
19. What is Scissoring gait?
20. Post polio residual paralysis.
21. Ulnar claw hand.
22. What is ideal stump?

*****

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - 29-Nov-2024

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 Hemothorax? Explain the physiotherapy assessment procedure for a patient with left side Hemothorax.

2. Elaborate the physiotherapy management for 45 year old women who had undergo pneumonectomy.

   OR

   Explain antenatal and postnatal care. Add a note on exercise therapy measured for the Re-Education of Ano-Urethral Sphrincters.

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

3. Bedside assessment of the pediatric patient.

   OR

   Describe the X-ray findings of left Pneumothorax. Write a short note on physiotherapy management of the same.

4. Explain PT management of PVD.
5. Physiotherapy techniques to increase lung volume.
6. Drugs to reduce Hypertension and physiotherapy management of the same.
7. Considerations in Exercise prescription for children.
8. Components of Fitness evaluation.
9. Airways and tubes used in the ICU.
10. Cardiac rehabilitation.
11. Exercise planning and prescription for Type – I Diabetes.
12. Treatment and follow up in vitiligo.

    OR

    Emergencies in the Neonatal unit.

SHORT ANSWERS 10 x 3 = 30 Marks

13. What is Nebulisation?
14. Exercise tolerance testing.
15. Any three Anatomical difference between adult and pediatric lung.
16. Breathing exercise.
17. Dyspnea.
18. Huff and Cough.
19. Prosthesis in amputation of lower limb following Gangrene.
20. What is CPAP?
21. What is a Flutter device?
22. Postural drainage.

*****