

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – SEP-2017

Time: Three Hours

Max. Marks: 80 Marks

GENERAL MEDICINE (RS-3 & RS-4)

Q.P. CODE: 2714

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. Classify Obesity. Add a note on management in obesity.
2. Classify congenital heart diseases. Explain tetralogy of fallot in detail.
3. Definition, types, etiology, pathogenesis, clinical features and management of Pneumonia

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Cushing's syndrome
5. Pathophysiology of Atherosclerosis
6. Viral hepatitis
7. Define cyanosis. Mention its causes.
8. Clinical features and management of leprosy
9. Endocarditis
10. Define and classify anemia.
11. Management of syphilis
12. Blue boater and pink puffer
13. Schizophrenia

SHORT ANSWERS

10 x 2 = 20 Marks

14. MMR vaccine
15. Marasmus
16. Cardiac arrest – definition
17. Causes of GI bleeding
18. Define Lung abscess.
19. Problems of Low birth weight infants
20. Dementia
21. Types of dyspnoea
22. Name sexually transmitted diseases.
23. DVT prevention

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GENERAL SURGERY (RS-3 & RS-4)

Q.P. CODE: 2715

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Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. List out general postoperative complications and the management.
2. Write an essay on Abdominal incisions
3. What is incontinence? Mention the types, causes and management of stress incontinence.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Valvotomy and valve replacement
5. Factors affecting wound healing.
6. Hysterectomy
7. Menopause, its effects on musculoskeletal system
8. Skin grafts – types
9. Cholecystectomy
10. Utero vaginal prolapse – causes, types.
11. Buerger's disease
12. Otitis media
13. Pneumothorax and its surgical management

SHORT ANSWERS

10 x 2 = 20 Marks

14. Mention two differences between hypertrophic scar and keloid scar.
15. Raynauds phenomenon
16. Pneumonectomy
17. Tetralogy of fallot – features.
18. Complications of blood transfusion
19. Wallace rule of nine
20. Define lung abscess
21. TNM classification of cancer
22. X-ray features of pleural effusions.
23. Glaucoma

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ORTHOPAEDICS AND TRAUMATOLOGY (RS-3 & RS-4)

Q.P. CODE: 2716

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. What is arthroplasty? Explain the types of arthroplasty. What are the indications, contraindications and complications of THR? Add a note on rehabilitation for the same.
2. What is ankylosing spondylitis. What are the causes, clinical features, investigations, complications and management of ankylosing spondylitis.
3. Define and classify cerebral palsy. Explain the clinical features, complications and management (medical and rehabilitation) of cerebral palsy.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Cervical rib
5. Monteggia fracture
6. Pilon fracture of ankle
7. Septic arthritis
8. Recurrent dislocation of patella
9. Slipped capital of femoral epiphysis
10. Meniscus injury of knee joint
11. Rickets
12. TB spine
13. Spinal canal stenosis

SHORT ANSWERS

10 x 2 = 20 Marks

14. Pathological fracture
15. Malignant bone tumour
16. Jones fracture
17. Classification of leprosy
18. Bankart's repair
19. Fat embolism
20. Deformities in Rheumatoid Arthritis
21. Internal fixators
22. Arthroscopy
23. Charcot joints

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III Year B.P.T. Degree Examination - SEP-2017

Time: Three Hours

Max. Marks: 100 Marks

ORTHOPAEDICS & SPORTS PHYSIOTHERAPY

(RS-3 & RS-4)

Q.P. CODE: 2717

(QP contains two pages)

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. Set down a detail plan of rehabilitation following L2 vertebral level fracture treated surgically with a spinal fixation device and presently in recovery phase, after one month.
2. Compile a physical therapy assessment and treatment aims and means for a 20 year old cricket pace bowler who sustained a rotator cuff partial tear which was treated conservatively with sling for 3 weeks.
3. Mention physical therapy assessment (with any 2 special tests) and treatment regime for a child of three months referred for further management following congenital dislocation of hip.

SHORT ESSAYS (Answer any Twelve)

12 x 5 = 60 Marks

4. Define cervical brachialgia. Mention physical therapy objectives for the treatment.
5. What is the difference between true and functional limb length discrepancies? How is functional limb length measured?
6. Note down a home program including DO's and DON'T's for a 30 year old lady working as a receptionist, who sustained intervertebral disk prolapsed at L5-S1 level.
7. What is volkmann's ischemic contracture? Mention the physical therapy treatment for the same.
8. Gait deviations following TOTAL HIP REPLACEMENT
9. What is periarthrosis shoulder? What are the rehabilitation principles of it?
10. Physical therapy Treatment protocol from day one following the injury, for a young female who sustained a grade 1 ACL injury at right knee.
11. Any three complications following amputation & Physical therapy treatment for the complications
12. What are the causes of genu recurvatum? Write about the physiotherapy management of genu recurvatum.
13. What are the indications for external fixators following a fracture? Mention briefly the physical therapy treatment for fracture middle shaft of femur, which is externally fixed.
14. What are the main musculoskeletal complications following leprosy? Write about the management of claw hand.
15. What are the main features of plantar fasciitis? What are the main rehabilitation objectives of it?
16. Compile the assessment for medial epicondylitis along with the special test which aid in its diagnosis.
17. What are the special tests adopted for diagnosing meniscal injuries? Write in detail about one of the tests.

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SHORT ANSWERS

10 x 2 = 20 Marks

18. Loose packed position of a joint.
19. Cozens test
20. Dermatomes – define.
21. Lumbo sacral angle
22. Any 2 indications of osteotomy
23. Straight leg raising test
24. Pes planus – Any two causes.
25. 2 causes for patellar lateral dislocation.
26. Carpal tunnel syndrome
27. Centralization phenomenon

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Max. Marks: 100 Marks

CARDIORESPIRATORY & GENERAL PHYSIOTHERAPY (RS-3 & RS-4)

Q.P. CODE: 2718

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 pulmonary rehabilitation. Explain the goals, components, structure and benefits of pulmonary rehabilitation.
2. Discuss the physiotherapy management after CABG.
3. Enumerate the different techniques to reduce work of breathing. Add a note on management of a breathless patient.

SHORT ESSAYS (Answer any Twelve)

12 x 5 = 60 Marks

4. Physiotherapy management after Appendicectomy
5. Oxygen therapy delivery system
6. Physiotherapy management for ventilator dependent patient
7. Describe neurophysiological facilitation of respiration.
8. Humidification and nebulization
9. Physiotherapy management after right lower lobectomy
10. ACBT
11. Postural drainage
12. Incentive spirometer
13. Anatomical difference between adult and pediatric lungs
14. Facilitation of coughing and huffing
15. Physiotherapy management after hand burn
16. Role of physiotherapy in stage of labour
17. Prophylactic and therapeutic effects of exercise in diabetes

SHORT ANSWERS

10 x 2 = 20 Marks

18. Arterial blood gas analysis
19. What is IPPB?
20. Define respiratory failure.
21. What is painful perineum?
22. Types of endotracheal tube
23. Rib springing
24. PEP
25. Tetralogy of fallot
26. Any four factors affecting exercise performance
27. What is low level exercise testing?
