

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – September 2014

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. Discuss Cerebral palsy under definition, classification, clinical features and management.
2. Definition, etio pathogenesis, clinical features and management of Pulmonary Tuberculosis.
3. Define Hypertension; discuss the classification and complication of hypertension.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Kwashiorkor
5. Buerger's disease
6. Achlasia cardia
7. Spina bifida
8. Pericarditis
9. Wilson's disease
10. Rheumatic fever
11. Source and spread of infection
12. Difference between extrinsic and intrinsic asthma
13. Schizophrenia – Symptoms and management

SHORT ANSWERS

10 x 2 = 20 Marks

14. Causes of dyspepsia
15. Mantoux test
16. Jones Major criteria for the rheumatic fever
17. Two Causes of acute Pancreatitis
18. Types of bronchiectasis
19. Name 2 laboratory tests to diagnose HIV
20. Mention 2 adverse effects of alcohol consumption
21. Differences between Transudate and exudate
22. Name 4 antitubercular drugs
23. MMR vaccine

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GENERAL SURGERY

(RS-3 & RS-4)

Q.P. CODE: 2715

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 thoracotomy. What are the incisions used in thoracotomy? Explain any one in detail.
2. What are clinical features of mitral stenosis? Write an essay on management of valvular disorders.
3. Write in detail classification, clinical features and management of burns.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Complications of blood transfusion
5. Buerger's disease
6. Hysterectomy
7. Conjunctivitis
8. Otosclerosis
9. Colostomy
10. Types of skin graft
11. Lobectomy
12. Mastectomy
13. Pneumothorax

SHORT ANSWERS

10 x 2 = 20 Marks

14. Segmentectomy
15. Indications of Bronchoscopy
16. Factors affecting bleeding during surgery
17. Define Bronchiectasis.
18. What is empyema thoracis?
19. Cholecystectomy – indications
20. Biopsy – uses
21. Pleurodesis
22. Hysterosalpingography
23. What is diaphragmatic disruption?

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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. Define dislocation. Write in detail about shoulder joint dislocation, its types, clinical features, investigations and management.
2. Write an essay on subtrochanteric fracture of femur, its clinical features, complications and surgical management.
3. 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

4. What is metatarsalgia? Write about its management.
5. Special test and management of Dequervain's Tenosynovitis
6. Deformities of poliomyelitis and its management
7. Explain about arthroplasty, its indication and types.
8. Piriformis syndrome assessment and management
9. Dupuytren's contracture causes and its management
10. Vertebro basilar syndrome clinical features and special test
11. Perthes disease management
12. Explain the surgical methods for CTEV
13. Anterior cruciate ligament injury special test and surgical management.

SHORT ANSWERS

10 x 2 = 20 Marks

14. Valgus and varus test
15. Name out the surgical treatment for Avascular Necrosis of femur
16. What is Amelia and Phocomelia?
17. Complications of Colle's fracture
18. Importance of Cobb's angle
19. Special test for carpal tunnel syndrome
20. Clinical features of SLE
21. Complications of supracondylar fracture of humerus
22. Clinical features of Thoracic outlet syndrome
23. Scaphoid fracture clinical findings.

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Time: Three Hours

Max. Marks: 100 Marks

ORTHOPAEDICS & SPORTS PHYSIOTHERAPY

(RS-3 & RS-4)

Q.P. CODE: 2717

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. Plan the rehabilitation protocol for a 25 year old footballer who has undergone bone patellar tendon graft ACL reconstructive surgery through arthroscopic procedure
2. What are causes for the deformities of hand in R.A? Write about the P.T. management of R.A with emphasis on energy conservation techniques
3. Describe the management for fracture shaft of humerus with radial nerve palsy

SHORT ESSAYS (Answer any Twelve)

12 x 5 = 60 Marks

4. Complications of supracondylar fracture of humerus and its management
5. Post operative management following proximal realignment of quadriceps
6. Health related physical fitness components
7. Grading of patellar tendon injuries and its PT management
8. Write in detail the causes for plantar fasciitis and the orthotic prescription
9. What are the causes of tennis elbow? Write the management of the same
10. Causes for impingement syndrome of shoulder and its conservative management
11. Post operative management after tendon transfer in foot drop condition
12. Importance of core stabilization exercises in the management of LBA
13. Explain the various spinal orthosis and describe SOMI brace
14. Mechanism of injury of lateral ankle sprains and its conservative management
15. Explain centralization and peripheralization phenomenon. Add a note on extension bias exercises
16. Describe the congenital spinal conditions of lower back and its PT management
17. Causes for thoracic outlet syndrome and its physiotherapy management

SHORT ANSWERS

10 x 2 = 20 Marks

18. Complications of quadriceps contusion
19. Orthotic device for Genu recurvatum
20. Name two tests for carpal tunnel syndrome
21. What is Jefferson's fracture?
22. Precautions during isometric exercises
23. Myoelectric prosthesis
24. Dowager's hump
25. Radiological feature in spondylolysis
26. Name two benefits of closed kinetic chain exercises
27. Significance of testing for vertebrobasilar insufficiency

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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. What is pulmonary rehabilitation, Write in detail the sequence, components and benefits of pulmonary rehabilitation?
2. Explain the physiotherapy management of a head injury patient in the acute stage in the intensive care unit.
3. Explain antenatal and post-natal training program.

SHORT ESSAYS (Answer any Twelve)

12 x 5 = 60 Marks

4. Autogenic drainage
5. Incentive spirometry
6. Physiotherapy management of psoriasis
7. Write the normal values of the parameters measured in Arterial Blood Gas analysis. Write a note on respiratory Acidosis and respiratory Alkalosis.
8. Write a note on Scar management.
9. What is bronchial asthma and give physiotherapy management of the same?
10. List out delivery devices for administering Oxygen therapy.
11. Physiotherapy management of cholecystectomy
12. Role of burgers exercises in peripheral vascular diseases.
13. List out pelvic floor muscles and physiotherapy management to strengthen pelvic floor muscles.
14. Elaborate the cardiac rehabilitation program for a patient who had undergone coronary artery bypass graft up to day of discharge.
15. Exercise prescription for hypertensive patients.
16. Explain the procedure of conducting suctioning technique through tracheotomy tube for clearing secretions from lung field; also mention the precautions associated with it to prevent danger.
17. Write a note on education of family members in patient care.

SHORT ANSWERS

10 x 2 = 20 Marks

18. Central and peripheral cyanosis
19. Nebuliser and humidifier-Definition
20. Define SIMV.
21. Classification of respiratory failure
22. Airway-Types and Indication
23. Waist Hip ratio
24. Define AMBU.
25. Write four indications for postural drainage.
26. Modification of chest physiotherapy for neonates
27. Define thoracoplasty.
