

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – Sep 2012

Time: Three Hours

Max. Marks: 80 Marks

GENERAL MEDICINE (RS3 and RS4)

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. Define anemia, mention the etiology, clinical features and management of microcytic hypochromic anemia
2. Discuss the etiology clinical features and management of bronchiectasis
3. Define hypertension, discuss the classification, and complications of hypertension

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Define obesity and mention its complications
5. Mention the etiology and clinical features of lobar pneumonia
6. Treatment of peptic ulcer disease
7. Chronic complications of diabetes mellitus
8. Viral hepatitis B
9. Define cyanosis and mention its different causes
10. Treatment of Organophosphorous poisoning
11. Management of deep vein thrombosis
12. Kwashiorkor
13. Mention the causative agents and clinical features of food poisoning

SHORT ANSWERS

10 x 2 = 20 Marks

14. Mention 4 oral hypoglycemic agents used in treatment of diabetes mellitus
15. Name 2 sexually transmitted diseases
16. Two causes of macrocytic anemia
17. Name two congenital heart diseases
18. Mention four drugs used in treatment of bronchial asthma
19. Two causes of transudate types of plural effusion
20. Mantoux test
21. JONES Major criteria for the rheumatic fever
22. Mention types of GALL STONES
23. Two causes of acute pancreatitis

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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. Write about definition, indication incision, physiological changes and complications following Nephrectomy
2. What is burns? Classify it. Mention its clinical feature and management
3. Classify congenital heart disease and write about the management of tetralogy of fallot

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Coronary artery disease and its management
5. Stress incontinence and its management
6. Indications, Physiological Changes and Complications following Lobectomy
7. Write a note on maternal changes of pregnancy
8. Describe staging and management of cancer
9. Glaucoma and its management
10. Ptosis and its management
11. Deep vein thrombosis
12. Varicose veins
13. Basic process involved in wound repair

SHORT ANSWERS

10 x 2 = 20 Marks

14. Sinusitis
15. Otitis media
16. What is functional achonia?
17. Gastrectomy
18. What is pleurodesis?
19. Lung abscess
20. Aneurysm
21. Drainage tubes
22. Colonoscopy
23. What is endometriosis?

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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 cold abscess. Describe clinical features, investigations, management of tuberculosis of hip joint.
2. Define dislocation. Describe clinical features, investigations, management of shoulder joint dislocation.
3. Classify supracondylar fracture of humerus. Describe clinical features, investigations and management of supracondylar fracture of humerus.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Frozen shoulder.
5. Sequestrum.
6. Smiths fracture.
7. Mallet finger.
8. Perthe's disease.
9. Ewing's sarcoma.
10. Gouty arthritis.
11. Jone's fracture.
12. Loose bodies in the joints.
13. Clavicle fracture.

SHORT ANSWERS

10 x 2 = 20 Marks

14. Mal union.
15. Involucrum.
16. Ganglion.
17. Wrist drop.
18. Ankle sprain.
19. Mention malignant bone tumours.
20. Plantar fasciitis.
21. Enumerate the fractures fall on out stretched hand.
22. Stages of fracture healing.
23. Simple fracture.

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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. Write signs, symptoms and physiotherapy management following amputation
2. Write in detail about anterior dislocation of shoulder
3. Write in detail about cerebral palsy

SHORT ESSAYS (Answer any Twelve)

12 x 5 = 60 Marks

4. Explain CDH
5. Explain poliomyelitis
6. Explain lumbar spondylosis
7. Explain kyphosis
8. Explain RA
9. Explain coccydynia
10. Explain maitland principle
11. Explain peri arthrititis
12. Explain leprosy
13. Explain wrist arthroplasty
14. Explain genu varum
15. Explain TB spine
16. Explain golfers elbow
17. Explain types of prosthesis for below knee amputee

SHORT ANSWERS

10 x 2 = 20 Marks

18. X ray features of spondylosis
19. Mallet finger
20. Two uses of ultrasound
21. Two tests for tennis elbow
22. Pes cavus
23. Gout
24. Test for meniscal injury
25. Two uses of prosthetic foot
26. Traction
27. Carpal tunnel syndrome

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Time: Three Hours

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. A 49 years old male posted for Coronary Artery Bypass Graft. He is a known smoker for the past 29 years. Explain the role of physiotherapy in managing this patient. (Pre and Post operative management)
2. Define Pulmonary Rehabilitation. Mention the indications. Explain the various components of pulmonary rehabilitation programme (2+2+6)
3. Explain the role of physiotherapy in intensive care unit in the following headings: Indications, Contraindications and Physiotherapy techniques used in ICU (2+2+6)

SHORT ESSAYS (Answer any Twelve)

12 x 5 = 60 Marks

4. Mention the indications for pulmonary functions tests. Define FVC, FEV1 and FEV1/FVC (2+3)
5. What is the role of physiotherapy in cancer pain?
6. Mention the goals of various phases of cardiac rehabilitation. Explain phase two (2+3)
7. Explain the importance of antenatal exercises
8. How will you manage a 42 years old male underwent below knee amputation 2 days ago?
9. How will you prescribe exercise for 46 old house wife diagnosed with non insulin dependent diabetes?
10. Name the pelvic floor Muscles. Explain the methods to measure pelvic floor muscle strength
11. Compare active cycle of breathing with autogenic drainage
12. How will you plan the physiotherapy management of 65 years old male, with history of COPD, had undergone emergency upper abdominal surgery?
13. What is an Ulcer? How will you differentiate Venous ulcer from Arterial ulcer? (1+4)
14. What is isothermic saturation boundary? Mention the indications and importance of Humidification in a mechanically ventilated patient
15. What is Pneumothorax? Explain the physiotherapy assessment procedure of patient with right sided Pneumothorax
16. Mention the goals of physiotherapy in managing a person following Pneumonectomy. What is importance of positioning in managing and preventing Pneumonectomy complications? (2+3)
17. What is the role of physiotherapy in Psoriasis?

SHORT ANSWERS

10 x 2 = 20 Marks

18. Any two types of Dyspnea
19. Any two characteristics of a normal ECG waveform
20. Ventilation Perfusion ratio
21. Endotracheal Tube – types
22. Peri oral Stimulation – technique
23. Any four indications for Cardio Pulmonary Exercise testing
24. Name the muscles of respiration
25. Continuous Positive Airway Pressure (CPAP)
26. Deep breathing exercise – Any four indications
27. Mention any four fitness tests used in the field
