Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – May 2016

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. Definition, classification, clinical features and management of respiratory failure
3. Discuss cerebral palsy under under definition, classification, clinical features and management

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

4. Myocarditis
5. Cushing syndrome
6. Iron deficient anaemia
7. Hepatitis B
8. Arteriosclerosis
9. Classification of hypertension
10. Viral hepatitis
11. Anxiety disorders-classification and management
12. Pancreatitis
13. Difference between extrinsic and intrinsic asthma

SHORT ANSWERS 10 x 2 = 20 Marks

14. Mention complications of Diabetes Mellitus
15. Jones Major criteria for the rheumatic fever
16. Kwashiorkor
17. Types of gall stones
18. Problems of Low birth weight infants
19. Polio vaccine
20. Clinical features of upper respiratory tract infection
21. Name 4 antitubercular drugs
22. Widal test
23. Respiratory alkalosis

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – May 2016

Time: Three Hours | Max. Marks: 80 Marks

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 in detail about skin graft
2. Write in detail about inguinal hernia
3. Write in detail about menstrual cycle disorders

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

4. Facial palsy
5. Glaucoma
6. Hysterectomy
7. Child birth stages
8. Pulmonary surgeries
9. Cardiac tumors
10. Tetrology of fallot
11. Neoplasms of trachea
12. Types of thoracic incisions
13. Post natal care

SHORT ANSWERS — 10 x 2 = 20 Marks

14. Conjunctivitis
15. Complications of blood transfusion
16. Otitis media
17. Causes for pnuemothorax
18. Causes for cardiac contusion
19. Staging of cancer
20. Causes for empyema
21. Acyanotic congenital heart disease
22. Decortication of the lung
23. Complications of DVT

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – MAY 2016

Time: Three Hours | Max. Marks: 80 Marks

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 Thoracic outlet syndrome? Explain the causes, clinical features, tests, complications and management of thoracic outlet syndrome.
2. What is prolapsed Intervertebral disc? Explain the causes, types and management of prolapsed Intervertebral disc.
3. Explain the medical and rehabilitative management of a patient with quadriplegia due spinal fracture at C4 level.

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

4. Hemophilic arthritis
5. Jones fracture
6. Lumbarisation
7. Poliomyelitis
8. Tarsal tunnel syndrome
9. Intercapsular fracture of hip
10. Compartment syndrome
11. Scoliosis
12. Bicipital tendonitis
13. Anterior cruciate ligament injury

SHORT ANSWERS 10 x 2 = 20 Marks

14. Hallux valgus
15. Gout
16. Metatarsalgia
17. Phantom limb pain
18. Wrist drop
19. Sprains and strains
20. Internal dearrangement of knee(IDK)
21. Triceps tendonitis
22. Scleroderma
23. Osteopenia

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Rajiv Gandhi University of Health Sciences, Karnataka

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. Describe in detail about ACL injury and its Rehabilitation following Hamstring graft
2. Define Spondylolisthesis. What are its grading and clinical features? Write the PT management for the same.
3. Define Amputation its levels, indications, contraindications and Rehabilitation following above elbow amputation

SHORT ESSAYS (Answer any Twelve) 12 x 5 = 60 Marks

4. Describe in detail about stages of soft tissue injury.
5. Painful arc syndrome
6. Coax vara and Coxa valga
7. PT management following chondroplasty
8. Therapeutic effects of MWM
9. Classification of orthosis and prostheses
10. Define cerebral palsy its classification, clinical features and its management.
11. Spinal canal stenosis
12. Pre patellar bursitis
13. Kyphosis
14. Enumerate the complications following fractures
15. Diagnostic testing of ligament injuries of wrist
16. Physiotherapy management for chronic stage of Rheumatoid arthritis
17. Dupuytren's contracture

SHORT ANSWERS 10 x 2 = 20 Marks

18. Z plasty
19. Precautions following THR
20. Plica syndrome
21. Pott's spine
22. Excision Arthroplasty
23. Any two Indications and contraindications of mobilization
24. Soft tissue releases in CTEV
25. Cervical traction and Lumbar traction

26. Volkmann's ischemic contracture
27. Mention two tests for Agility

Rajiv Gandhi University of Health Sciences, Karnataka

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. Write in detail about PT management of a 30yr old female who has Burns over face, neck & thorax.
2. Plan a rehabilitation programme for a school-going boy with Bronchial Asthma.
3. What is peripheral vascular disease? Classify and enumerate the PT management for the same.

SHORT ESSAYS (Answer any Twelve) 12 x 5 = 60 Marks

4. PT management of Stress incontinence
5. Suctioning
6. Pranayama and its uses
7. Forced expiratory techniques
8. Postnatal complications
9. Preprothestic training for a below knee amputee
10. Phase II cardiac rehabilitation
11. Postoperative management following Cholecystectomy
12. Exercise training in children
13. Principles of ICU management
14. Explain the effects of mobilization and positioning on the lung.
15. Use of ABG values in PT assessment
16. Draw & describe postural drainage positions for right lower lobe of the lung.
17. Abnormal patterns of breathing

SHORT ANSWERS 10 x 2 = 20 Marks

18. Grades of clubbing
19. Common vessels used as grafts in CABG
20. Define Fitness.
21. Pelvic floor muscles
22. Principles of Aerobic training
23. Importance of Metabolic Equivalents
24. Four complication of Hysterectomy
25. What is Intermittent claudication
26. Relaxation positions
27. What is pneumonectomy?

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – AUG/SEP 2016

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. Define bronchial Asthama. Write a note on its types, clinical features and management
2. Definition, classification, etiology, pathogenesis and management of diabetes mellitus.
3. Describe in detail causes, classification, assessment and management for Hypertension.

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

4. Tetrology of fallot
5. Management of syphilis
6. Goiter
7. Wilson disease
8. Varicose vein
9. Gastroenteritis
10. Blue boater and pink puffer
11. Define cyanosis. Mention its causes
12. Types of obesity
13. Sources and spread of infection

SHORT ANSWERS 10 x 2 = 20 Marks

14. BCG Vaccine
15. Mention 4 causes of DVT
16. Name 2 laboratory tests of diagnose HIV
17. Name four hypoglycemic agents
18. Causes of dysphagia
19. Four consequences of malabsorption syndrome
20. Classification of pneumothorax
21. Grades of clubbing
22. Cardiac arrest
23. Define autism.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – SEP -2016

Time: Three Hours | Max. Marks: 80 Marks

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 Empyema Thoracis? Discuss in detail the clinical features, diagnosis and choice of management for the same.
2. Classify congenital heart disease. What are the clinical features and management of Tetrology of Fallot
3. Write an essay on etiology and pathogenesis of Atherosclerosis

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

4. Mastectomy
5. Prostatectomy
6. Types of skin graft
7. Menopause
8. Write a note on maternal changes in Pregnancy
9. Ptosis and its management
10. Otosclerosis
11. Varicose veins
12. Thoracotony-definition & types of incisions
13. Lungs abscess

SHORT ANSWERS 10 x 2 = 20 Marks

14. Enumerate chest wall deformities
15. Biopsy – types
16. Causes of airway abstruction
17. Name any four congenital heart disorders
18. Complications of heart transplant
19. What is CABG
20. Raynauds phenomenon
21. Colposcopy
22. Iritis
23. Types of scar

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - SEP - 2016

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. Define TKR. Plan your PT assessment and management for the same.
2. Define lumbar spondylosis and explain in detail about PT management for the same.
3. Define poliomyelitis its types, clinical features and PT management following surgical corrections.

SHORT ESSAYS (Answer any Twelve) 12 x 5 = 60 Marks

4. Carpal tunnel syndrome
5. Stump care and Bandaging
6. Scaphoid fracture and its PT management
7. Upper limb tension testing
8. Osteomyelitis
9. PT management following Hamstring strains
10. Plantar fasciitis
11. Orthotic modifications for CTEV
12. Stages of Fracture healing
13. Periarthritic shoulder
14. PT management following Radial nerve injury
15. Torticollis
16. Explain in detail about diagnostic testing of Bicipital tendonitis
17. PT management following Tendon transfers in leprosy

SHORT ANSWERS 10 x 2 = 20 Marks

18. Mallet finger
19. Diagnostic criteria for Rheumatoid arthritis
20. Mention the grades of Nerve Injury
21. Two tests for Thoracic outlet syndrome
22. Tinel sign
23. Name any two indications and contraindications of Mobilization
24. Name any two radiological features of osteomyelitis
25. Arthrodesis
26. Name the components of Fitness
27. Plumb line

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Rajiv Gandhi University of Health Sciences, Karnataka

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - SEP 2016

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. What is Interstitial lung disease? Write assessment, short and long term goals and management of patient having interstitial lung disease.
2. What are the different phases of cardiac rehabilitation? Write in detail about the physiotherapy management for all the phases.
3. Stable COPD patient enrolled to exercise training on OPD basis. Write about the outcome measures used, exercise prescription and exercise programme for the patient.

SHORT ESSAYS (Answer any Twelve) **12 x 5 = 60 Marks**

4. Describe in brief about the physiological basis of incentive spirometry. Write its indication, contraindication, complication and implementation.
5. A 60yrs old COPD patient with acute exacerbation having breathlessness is admitted in ward on oxygen therapy. Write physiotherapy management of this patient.
6. What is manual hyperinflation? Write about its physiological use, indication, complication and implementation.
7. 45yrs old patient having bronchopneumonia of right lower and middle lobe with sepsis is in ICU. Patient is on ventilator, SIMV mode and conscious. Write the physiotherapy management of the patient.
8. Enlist the problems and management of a women 55yrs old having 2nd degree uterine prolapse.
9. Describe the principles of neuromuscular facilitation in respiration. Write indication and list them and mention the effect of each technique.
10. Describe the X-ray findings of Right plural effusion. Write the management of the patient with Intercostal Drainage.
11. Write in detail about the mechanical and physiological difference between obstructive and restrictive lung disease.
12. Briefly describe the abnormal breathing patterns.
13. Patient having venous ulcer on the medial side of the ankle. Write the assessment and physiotherapy management for the patient.
14. What are the complications of oxygen therapy? Explain in detail.
15. Write exercise prescription for a 50yrs old obese patient with hypertension.
16. What is exercise testing? Name two field test used for cardiopulmonary patients. Explain one in detail.
17. Write about Active Cycle of Breathing Technique.

SHORT ANSWERS **10 x 2 = 20 Marks**

18. What is Atlectasis? Mention its types.
19. List bronchial hygiene techniques.
20. What is hypoxic drive?
21. Write MRC grading.
22. Write the grades of COPD.
23. What is intermittent claudication? Mention the cause.
24. Write about Burger's exercise.
25. What is Cor pulmonale?
26. Write about the significance of changes of ST segment in ECG.
27. What are the causes for skeletal muscle dysfunction in COPD?

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