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. Buergers disease
6. Achlasia cardia
7. Spina bifida
8. Pericarditis
9. Wilsons 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. Montoux 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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Rajiv Gandhi University of Health Sciences, Karnataka

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

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 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. Buergers 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. Hysterosalphyngography
23. What is diaphragmatic disruption?

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Rajiv Gandhi University of Health Sciences, Karnataka

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

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. 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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Rajiv Gandhi University of Health Sciences, Karnataka

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

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 fascitis 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 extensor 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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Rajiv Gandhi University of Health Sciences, Karnataka

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

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 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. Neubuliser 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.

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Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours **Max. Marks: 80 Marks**

CLINICAL ORTHOPAEDICS
(OS, RS & RS2)

Q.P. CODE: 2163

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 amputation. Describe the levels of amputations of lower limb & enumerate the indications & complications of syme's amputation
2. Classify low back ache. Describe the cause, clinical features and management for inter vertebral disc prolapse
3. What is brodie's abscess. Write aetiology, pathogenesis, clinical features and management of Chronic Osteomyelitis

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

4. Klumpke's palsy
5. Explain the stage and clinical features of poliomyelitis
6. Osteosarcoma of knee
7. Kyphosis
8. Explain both bone fracture
9. Golfers elbow
10. Classify fractures, list cown complications of fractures
11. Explain the causes, clinical features for medial meniscal tear
12. Explain the degrees of sprain and describe injury of deltoid ligament
13. Malunion

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

14. Q – angle
15. Hallux valgus
16. Trigger finger
17. Deformities in RA
18. Gowers sign
19. Pes planus
20. Cervical rib
21. Ortolani's sign
22. Painful arc syndrome
23. Ideal stump

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (Physiotherapy) Degree Examination – September 2014

Time: Three Hours **Max. Marks: 80 Marks**

GENERAL MEDICINE
(OS, RS & RS2)

Q.P. CODE: 2164

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 the causes, clinical features, investigations and management of iron deficiency anaemia
2. Describe the clinical features, investigations and treatment of Epilepsy
3. Describe the aetiology, clinical features, investigations and treatment of Bronchiectasis

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

4. Thorococentes's
5. Disseminated intravascular coagulation
6. Occupational lung diseases
7. Ventricular septul defect
8. Antihypertensive drugs
9. Cerebral palsy
10. Ankylosing spondylitis
11. Insulin
12. Learning disorders in children
13. Cardiac tumors

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

14. Haemophilia
15. Phenothiazines
16. Down's syndrome
17. Angina pectoris
18. Anaesthetics
19. Beri beri
20. Pedal oedema
21. Mental Retardation
22. Tetany
23. Jurenile Rheumatoid Arthritis

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (Physiotherapy) Degree Examination – September 2014

Time: Three Hours **Max. Marks: 80 Marks**

GENERAL SURGERY
(OS, RS & RS2)

Q.P. CODE: 2165

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 congenital heart disease. What are the clinical features and management of Tetrology of Fallot
2. Define and classify burns. Describe the management of 30% thermal Burns.
3. Write an essay on abdominal incisions.

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

4. Inguinal Hernia – clinical features and management
5. Appendicectomy
6. Facial burns
7. Sterility
8. Child birth
9. Glaucoma and its management
10. Management of facial Palsy and its types
11. Buergers disease
12. Heart transplant
13. Pneumothorax

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

14. What is cataract
15. What is Otosclerosis
16. Pre-eclampsia
17. Types of skin graft
18. Colostomy-types
19. Complications of kidney transplant
20. Causes of airway obstruction
21. Raynauds phenomenon
22. What is oesophageal disruption
23. Nephrectomy-indications

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Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: 3 Hours **Max. Marks: 40 Marks**

Neurology

Q.P. Code: 2166

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 2166 and 2167 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Define stroke. Explain etiology, types of stroke. Add management of ischemic stroke.
2. Define chronic inflammatory demylinating neuropathy. Explain pathophysiology and management for the same.

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. Explain classifications of cerebral palsy.
4. Brown Sequard syndrome
5. Write about clinical features of meningitis.
6. Difference between pyramidal and extra pyramidal tract lesion
7. Explain movement dysfunction in case of cerebellar ataxia.

SHORT ANSWERS **5 x 2 = 10 Marks**

8. Define Horner's syndrome.
9. Rigidity
10. Dementia
11. Bell's palsy
12. Give two uses of CSF examination.

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Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: 3 Hours **Max. Marks: 40 Marks**

Neurosurgery

Q.P. Code: 2167

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 2166 and 2167 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Classify brain tumors. Explain clinical features, investigation and management.
2. Write about Spina bifida, its clinical features, investigation and management.

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. Neurogenic bladder and management
4. Paraplegia and management
5. Median nerve injury and management
6. What is Syringomyelia and management?
7. Write about management of neurogenic pain.

SHORT ANSWERS **5 x 2 = 10 Marks**

8. What is Erb's palsy?
9. Indications for lumbar puncture
10. Ptosis
11. Glasgow coma scale
12. Trigeminal neuralgia

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Rajiv Gandhi University of Health Sciences

Third Year BPT Degree Examination - September 2014

e: 3 Hours [Max. Marks: 80]

Community Medicine

QP Code : 2168

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

G ESSAY (Answer any two) **2 X 10 = 20 Marks**

1. Define Low Birth Weight. What are the risk factors for low birth weight? What are the measures to prevent low birth weight?
2. Explain the epidemiology, prevention and control of tuberculosis.
3. Define health and discuss the determinants of Health.

)RT ESSAY (Answer any eight) **8X 5 = 40 Marks**

1. WHO
2. Types of Hepatitis infection and their modes of transmission
3. Sources of health information
4. Engineering measures in prevention of occupational diseases
5. Barriers in health communication
6. Preventive measures to reduce infant mortality
7. Medical termination of pregnancy (MTP) Act 1971
8. Risk factors in Hypertension
9. Management of Dog bite
10. Advantages and disadvantages of Cohort studies

ORT ANSWERS **10 X 2 = 20 Marks**

1. List any four health indicators
2. List the uses of growth chart
3. Advantages of breast feeding
4. Body Mass Index(BMI)
5. List the barrier methods of family planning
6. Mention four community nutrition programmes
7. Name four zoonotic diseases
8. List the common causes of mortality among under 5 children in India
9. List occupational cancers
10. List the signs and symptoms of vitamin A deficiency

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Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours **Max. Marks: 80 Marks**

CLINICAL ORTHOPAEDICS
(OS, RS & RS2)

Q.P. CODE: 2163

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 the aetiopathogenesis, c inical features, management of Tuberculosis of hip joint
2. Discuss the pathoanatomy, aetiology, clinical features and management of DDH (Developmental Dysplasia of Hip)
3. Describe clinical features, acute management, radiological evaluation and management of Quadriplegia resulting from C_6-C_7 fracture dislocation of Vertebra

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

4. Rotator Cuff tears
5. Dequervains disease
6. Rheumatoid arthritis
7. Brachial plexus palsy
8. Ankle sprain
9. Radial head fractures
10. Anterior dislocation of shoulder
11. Meniscus tear
12. Arthroplasty
13. MRI

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

14. Sciatic N palsy
15. Jefferson's fracture
16. Colles fracture
17. Involucrum
18. Simple bone cyst
19. Lachmans test
20. ENMG
21. Bennets fracture
22. Cock-up splint
23. Axillary crutches

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (Physiotherapy) Degree Examination – April 2014

Time: Three Hours **Max. Marks: 80 Marks**

GENERAL MEDICINE
(OS, RS & RS2)

Q.P. CODE: 2164

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 the clinical features, investigations and management of pulmonary tuberculosis
2. Describe the cause, clinical features, investigations and treatment of congestive cardiac failure
3. Describe the varies congenital neuromuscular disorders

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

4. Lepra reaction
5. Biguanides
6. Management of burns
7. Myocarditis
8. Bronchodilators
9. G. B. syndrome
10. Fallot's tetralogy
11. Pulmonary embolism
12. Pediatric emergencies
13. Childhood obesity

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

14. Osteoporosis
15. Coronary vasodilators
16. Psychosis
17. Calcium channel blockers
18. Pellagra
19. Tracheostomy
20. Cyanosis
21. Cephalosporins
22. Anticonvulsants
23. Bronchoscopy

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (Physiotherapy) Degree Examination – April 2014

Time: Three Hours **Max. Marks: 80 Marks**

GENERAL SURGERY
(OS, RS & RS2)

Q.P. CODE: 2165

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 incontinence under
   a) Definition, b) Types, c) Causes, d) Assessment e) Management
2. Define Thoracotomy. Write a note on indications. What are the incisions used explain any one in detail.
3. Describe Etiology, Pathogenesis and surgical management of various veins.

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

4. Cataract
5. Otosclerosis
6. Types of Skin graft
7. Hysterectomy
8. Cholecystectomy
9. Buerger's disease
10. Gas gangrene
11. TNM Staging of Lung Cancer
12. Valve Replacement
13. Pneumonectomy

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

14. Nephrectomy-Indications
15. Define Lung abscess
16. Types of scar
17. Any four factors affecting wound healing
18. Biopsy –types
19. Causes of airway obstruction
20. Mc. burneys incision
21. Thrombophlebitis
22. Laproscopy
23. Define aneurysm

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T Degree Examination – April-2014

Time: 3 Hours **Max. Marks: 40 Marks**

Neurology

Q.P. Code : 2166

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

(Note : Both QP Codes 2166 and 2167 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Discuss definition causes, types and management of cerebral palsy
2. Discuss in brief causes, clinical features and management of parkinsonism

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. Sensory nervous system examination discuss briefly
4. Clinical features of friedreich ataxia
5. Torticollis
6. Discuss in brief diabetic neuropathy
7. Carpel tunnel syndrome

SHORT ANSWERS **5 x 2 = 10 Marks**

8. Writers cramp
9. Micrographia
10. Define monoplegia
11. Babinski's sign
12. Viral encephalitis

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T Degree Examination – April-2014

Time: 3 Hours **Max. Marks: 40 Marks**

Neurosurgery

Q.P. Code : 2167

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

(Note : Both QP Codes 2166 and 2167 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Discuss the pre-operative assessment indications and contraindications for neurosurgery
2. Define hydrocephalus. Discuss the causes, clinical features and management of hydreocephalus

SHORT ESSAYS (Answer any Four) **4 x 5 = 20 Marks**

3. Spinal arachnoiditis
4. Complications of spinal card injury
5. Define tone describe disorders of tone
6. Management of paraplegic patient
7. Klippel – feil syndrome

SHORT ANSWERS **5 x 2 = 10 Marks**

8. Name any two types of neurogenic bladder
9. Glasgow coma scale
10. Neuropraxia
11. Meningocele
12. Wrist drop

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – April 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. Classify Obesity. Add a note on management in obesity.
2. Classify congenital heart diseases. Explain tetrology 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. Arteriosclerosis
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. Mood disorders-types and management

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

14. MMR Vaccine
15. Marasmus
16. Cardiac arrest – definition
17. Causes of GI bleeding (any four)
18. Define Lung abscess
19. Problems of Low birth weight infants (any four)
20. Dementia
21. Types of dyspnea
22. Name sexually transmitted diseases (any four)
23. Liver function tests.

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Rajiv Gandhi University of Health Sciences, Karnataka

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

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 lung abscess? Discuss in detail the clinical features, diagnosis and choice of management for the same.
2. Define and classify burns. Describe the management of 30% thermal Burns.
3. Write an essay on abdominal incisions.

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

4. Inghuinal Hernia
5. Appendicectomy
6. Facial burns
7. Sterility
8. Child birth
9. Glaucoma and its management
10. Management of facial Palsy and its types
11. Buergers disease
12. Heart transplant
13. Pneumothorax

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

14. What is cataract
15. What is Otosclerosis
16. Pre-eclampsia
17. Types of skin graft
18. Colostomy-types
19. Complications of kidney transplant
20. Causes of airway obstruction
21. Raynauds phenomenon
22. What is oesophageal disruption
23. Nephrectomy-indications

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Rajiv Gandhi University of Health Sciences, Karnataka

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

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. Describe clinical features, classification and management of Fracture Neck of Femur
2. Discuss various levels of Amputations and management of Rt. Above Knee amputation in brief
3. Discuss the etiology, clinical features and management of Acute Pyogenic Osteomyelitis of Tibia

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

4. Hallux valgus
5. Osteoporosis
6. Legg – Calve' – Perthe's Diseases
7. Fracture Patella
8. Rheumotoid Arthritis
9. Developmental Dysplasia of Hip
10. Fracture Healing
11. Volkman's Ischemic Contracture
12. Dequervian's disease
13. Poliomyelitis - stages

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

14. MRI
15. Pes – Cavus – definition
16. AVN
17. Osgood's Schlatter's Disease
18. Scheurmann's disease
19. Gibbus
20. Hangman's Fracture
21. Orthosis – 4 functions
22. Brodie's abscess
23. Torticollis

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - April-2014

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. Describe the different stages in Intervertebral disc degeneration with physical therapy management of cervical spondylosis.
2. What are the indications of total hip arthroplasty(THR) with physiotherapy management of THR?
3. Describe various methods to train aerobic and anaerobic systems.

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

4. Formulate physiotherapy treatment following total knee replacement.
5. Describe the Physiotherapy management for patients with shoulder instability.
6. Describe the management of patient with carpal tunnel syndrome.
7. What are the different levels of amputation in lower limb?
8. How would you tape for chondromalacia patella as per patella's various malalignment?
9. Classify scoliosis with the management for idiopathic type.
10. What are causes for spinal fracture with emphasis on Physiotherapy management for T_{10} level?
11. What are the gait deviations observed in scissoring gait?
12. Write the assessment of a 38 year old painter with lateral epicondylitis.
13. Describe the physiotherapy management for supraspinatus tendonitis.
14. Explain the three pain syndromes of Mckenzie's concept.
15. What are the various ways to intervene for anaethetic hand in hansen's disease?
16. What are the causes of spondylolisthesis? Write exercise prescription for spondylolisthesis.
17. What are the predisposing factors to osteoporosis? Write in brief the importance of exercise in osteoporosis.

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

18. Riser's sign
19. Bryant's triangle
20. Barton's fracture
21. Kernig's sign
22. Significance of 'Q' angle
23. Energy conservation technique
24. Intrinsic plus deformity
25. Hoffa's syndrome
26. Principles of plyometrics
27. Roos test

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - April 2014

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. Explain the physiotherapy management and rehabilitation of a 40 year old man, who has undergone right lower lobe lobectomy due to bronchiectasis.
2. Explain the various airway clearance techniques.
3. Elaborate on physiotherapy management for 50 year old women who had undergone radical mastectomy.

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

4. List out PNF respiration technique and describe any two.
5. Physiotherapy management of vitiligo
6. Physiotherapy management of inhalation burns
7. Discuss various protocols used for exercise tolerance tests.
8. Define ulcer, briefly describe the physiotherapy managements of bed sore.
9. Discuss the physiotherapy management for breathless patients.
10. Write a note on weaning from ventilators.
11. Explain the advantages and disadvantages of various grafts used in CABG.
12. Physiotherapy management for chronic arterial diseases
13. Discuss the role of physiotherapy case of prolapse uterus.
14. List the indications for valve replacements and briefly discuss the physiotherapy following mitral valve replacements.
15. Exercise prescription for an obese patient.
16. Write a note on manual hyperinflation.
17. Humidifier –Types and indications

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

18. Define CPAP.
19. Breathing control technique
20. Classification of pulmonary edema
21. Endo tracheal tube-type and parts
22. What is decortication?
23. What is huffing?
24. Equal pressure point
25. What is suctioning?
26. Body mass index
27. Write any two anatomical differences between adult lung and pediatric lung.

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