45 45

2163_2011_I_S181

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.P.T. Degree Examination – Feb/March 2011

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 examination of knee joint and anatomy of Anterior cruciate ligament. Describe the mechanism of injury, clinical features and management of Anterior cruciate ligament tear.
2. Describe the aetio pathogenesis, clinical features diagnosis, treatment and compilations of Acute osteomyelitis of distal femur in 9 year old female.
3. Classify fractures. Describe the mechanism of fracture healing and factor influencing it.

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

1. Congenital vertical talus.
2. Claw hand
3. Aneurysmal bone cyst
4. Osteogenesis imperfecta
5. IVDP of L_4-L_5
6. Osteoporosis
7. Septic arthritis
8. Fracture both bones fore ARM
9. Poliomyelitis
10. Congenital torticollis

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

1. Arthroscopy
2. Bohler Braun Splint
3. Trendelenberg test
4. Clavicle fractures
5. Mallet finger
6. Osgood schlatter's disease
7. Ganglion of wrist joint
8. Gout
9. Crutch palsy
10. Green stick fracture

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2164_2011_1_S181

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.Sc. (Physiotherapy) Degree Examination – Feb/March 2011

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. Define pneumonia. Describe its clinical features, complications and management
2. Define Rheumatoid arthritis. Write a note on its clinical features, diagnostic criteria and management
3. Define and classify hypertension. Write a note on its clinical features, complications and management

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

4. Cardiomyopathy
5. Thyrotoxicosis
6. Scurvy
7. Op compound poisoning
8. Haemophilia
9. Clinical features and treatment of pulmonary tuberculosis
10. Modified jones criteria
11. Congenital heart disease
12. Iron deficiency anaemia
13. Complications of diabetes mellitus

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

14. Name 4 risk factors for deep vein thrombosis
15. Define chronic bronchitis
16. Name 2 antiretroviral drugs
17. Infective endocarditis prophylaxis
18. Name 2 calcium channel blockers
19. Name 2 oral hypoglycemic agents
20. Pellagra
21. Name 2 occupational lung diseases
22. Osteomalacia
23.

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47 48

2165_2011_1_S182

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.Sc. (Physiotherapy) Degree Examination – Feb/March 2011

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 ulcers. Describe the clinical features, etiology & management of diabetic ulcer
2. Define & classify Burns. Describe the management of 30% Burns
3. Outline the indications, contra-indications & complications of Cardiac Bypass surgery

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

4. Stove-in-chest
5. Menstrual cycle
6. Lobectomy
7. Anaemia
8. Pneumothorax
9. Cardiac massage
10. Cataract
11. Otitis media
12. Varicose ulcer
13. Fistula

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

14. Otosclerosis
15. Ryel's tube
16. Surgical needles
17. Balloon Angioplasty
18. Barier methods for contraception
19. Facial nerve
20. Full thickness skin graft
21. AIDS
22. Endometriosis
23. Tracheostomy

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48 +9

2166_2011_1_S181

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.P.T Degree Examination – Feb/March 2011

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

NEUROLOGY AND NEUROSURGERY
(OS, RS & RS2)

Q.P. CODE: 2166 & 2167

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

Use separate answer books for section A and section B

Q.P. Code: 2166 – Section 'A' Neurology (40 Marks)

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

1. Discuss stroke etiologic, classification and management with special importance to rehabilitation
2. GUILIAN BARRE syndrome clinical features, diagnostic criteria, defended diagnose and management

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

3. Discuss in brief about chores
4. Transverse mellitus, clinical feature, investigation, etiopsy and treatment
5. Bells palsy
6. Dementia – definition, classification with brief note on alzymers disease.
7. Syringomyelia

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

8. Transient ischemic attack
9. Papillary reflex
10. Tremors
11. Management of spasticity
12. Ulnar neuropathy

Q.P. Code: 2167 – Section 'B' Neurosurgery (40 Marks)

Use separate answer book

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

1. Classify brain tumors & outline management & treatment options for meningioma
2. Spinal cord injuries management (acute, chronic, postop)

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

3. Classify causes of hydrocephalus & outline one surgical procedure
4. Spinabifida Occulta
5. Aneurysmal SAH clinical features
6. Non operative management of lumbar disc with indications
7. Brain abcess

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

8. Mention any two signs/symptoms of raised ICP
9. Mention two surgical procedures for Parkinson's disease
10. Ping pong fractures
11. Classification of Syringomyelia
12. Clean intermittent catheterisation

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2168_2011_1_S124

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.P.T Degree Examination – Feb/March 2011

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

COMMUNITY MEDICINE

Q.P. CODE: 2168

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 are the different measures undertaken for prevention of Occupational diseases? Write briefly on the Employees State Insurance Act
2. Define Epidemiology. Describe in detail the steps in the conduct of a Cohort Study
3. Describe in detail the Epidemiology, Control an Prevention of Leprosy in India

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

4. Sub Centre
5. Age Pyramids
6. Breeding Sites of Mosquitoes
7. Functions of Family
8. Balanced Diet
9. Principles of Health Education
10. Causes of Accidents in Industries
11. DOTS
12. Dimensions of Health
13. Components of the Reproductive and Child Health Programme

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

14. World Health Organization
15. Census
16. Community Participation in Primary Health Care
17. Advantages of Copper T
18. Child Abuse
19. Anemia prophylaxis programme
20. Advantages of audio visual aids for health education
21. Role of Carries in the Spread of Disease
22. Characteristics of Chronic Non Communicable Diseases
23. Enumerate the complications in post natal period

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50 +5

2714_2011_1_S101

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.P.T. Degree Examination – Feb/March 2011

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 aetiology, pathology, clinical features and management of COPD
2. Write about aetiology, pathogenesis clinical features and management of Diabetes Mellitus
3. Write in detail about causes, clinical features and management of Hypertension

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

4. Mention indications of TMT (Tred Mill Test) examination and treatment of IHD
5. Deep vein thrombosis
6. Management of bronchial asthma
7. Sources and spread of Infections
8. Clinical features and management of acute Pericarditis
9. Short note on Aplastic anaemia
10. Arterial blood gas analysis
11. Treatment of Syphylis
12. Acute pancreatitis
13. Treatment of Epilepsy

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

14. Drugs used in treatment of HIV
15. Causes of Dermatitis
16. Diagnostic tests for leprosy
17. Causes of left axis deviation in ECG
18. Name four diseases prevented by vaccination
19. Clinical features of mitral stenosis
20. Name drugs used in treatment of obesity
21. Definition of respiratory failure
22. Radiographic features of pulmonary Koch's
23. Describe mycobacterium tuberculosis bacterium

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2715_2011_1_S106

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.P.T. Degree Examination – Feb/March 2011

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 Pneumonectomy. Discuss in detail its indications, physiological changes and complications
2. Describe various factors that affect wound healing
3. Describe the stages of child birth. What are the surgical procedures involved in child birth

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

4. Drainage system and tubes
5. Types of skin graft
6. Stress incontinence
7. Otitis media
8. Corneal ulcer
9. Pleural effusion
10. Deep vein thrombosis
11. Thoracotomy
12. Staging of cancer
13. Pneumothorax

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

14. Bell's phenomenon
15. Otosclerosis
16. Conjunctivitis
17. Mastectomy
18. Superfacial burns
19. Uses of flaps
20. Causes of haematuria
21. Patent – ductus arteriosus
22. Hysterectomy
23. Causes for lung abscess

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2716_2011_1_S153

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.P.T. Degree Examination – Feb/March 2011

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. Discuss the differential diagnosis of "low back ache" and principles of management in a young adult male.
2. Discuss etiopathology of osteoarthritis of knee and its management.
3. Describe the anatomy of rotator cuff. Discuss the clinical features and management of rotator cuff injuries.

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

4. Club foot.
5. Interferential therapy.
6. Myositis ossificans.
7. DDH.
8. Isometric Quadriceps exercises.
9. Spinal shock.
10. Anatomy of quadriceps muscle and quadriceps contracture.
11. Flat foot.
12. Frozen shoulder.
13. Galaezzi fracture.

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

14. Trigger finger.
15. Malunited colle's fracture.
16. Dupuytren's contracture.
17. Swan neck deformity.
18. Carpal tunnel syndrome.
19. Calcancal spur.
20. Trendelenberg test.
21. Gout.
22. GCT.
23. Amputations of foot and ankle.

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2717_2011_1_S104

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.P.T. Degree Examination - Feb/March 2011

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 physiotherapy management of fracture shaft of femur and its complications
2. List the causes of congenital dislocation of hip. Explain in detail physiotherapy management for the same
3. Enumerate the complications of amputation and physiotherapy management following below knee amputation

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

4. Physiotherapy management in congenital torticolis
5. Principles of tendon transfers
6. Role of physiotherapy in tendo achilis bursitis
7. What are the causes for postural scoliosis? Write a note on exercises for the same
8. Principles of Maitland Mobilization Technique
9. Management of Ulnar Claw Hand due to Leprosy
10. Physiotherapy management in Carpel Tunnel Syndrome
11. Classification of orthosis
12. Physiotherapy management for Golfer's Elbow
13. Lower Limb Neural Tissue Tension Tests and their interpretation
14. Physiotherapy in rotator cuff tear managed conservatively
15. Physiotherapy management following hemireplacement arthroplasty of hip
16. Types, precautions and limitations for spinal traction
17. Clinical features of tuberculosis of knee joint

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

18. What is arthroscopy? Mention its two uses
19. Four ergonomic advices for back ache
20. Define Volkmann's Ischemic Contracture
21. Two tests for bicipital tendinitis
22. Centralization phenomenon
23. What are Myotomes and Dermatomes?
24. Grades of Pressure Sores
25. What is Delayed Onset Muscle Soreness?
26. Convex – Concave Rule
27. Four exercises for Pes Planus

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2718_2011_1_S221

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.P.T. Degree Examination - Feb/March 2011

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 about the various grafts used in coronary artery bypass surgery (CABG) plan out a cardiac rehabilitation protocol for a 50 year old male patient, who has undergone CABG
2. Write in detail about physiotherapy management of patient in the intensive care unit (ICU)
3. Explain any five anatomical and physiological differences between adult lung and pediatric lung

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

4. Explain any two techniques of neurophysiological facilitation of respiration
5. Write the physiological basis and explain the clinical application of autogenic drainage technique
6. Describe the postural drainage position for the segments of left lower lobe of the lung
7. Write a note on antenatal exercises
8. Explain the post – operative physiotherapy management after pneumonectomy of the left side
9. Write a brief note on humiduficaiton
10. Explain the various inspiratory breathing exercises
11. Write the physiotherapy management for scar tissue
12. Write a note on anthropometric measurements
13. Explain physiotherapy management of an unilateral below knee amputation patient
14. Write a types of respiratory failure
15. Write the physiotherapy management after radical mastectomy
16. Explain complications of suctioning
17. Write a note on metered dose inhalers

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

18. Normal ABG values
19. Rule of 9 in Burns
20. Any 2 drugs to treat bronchospasm
21. Diastasis recti
22. Grades of clubbing
23. CPAP mode on ventilator
24. Write any 2 indications for pulmonary function testing
25. Define chronic obstructive pulmonary disease (COPD)
26. 2 complications of mechanical ventilators
27. Anti – kochs drug regimen

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2163_2011_1_S262

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – Aug / Sep 2011

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 and classify muscular dystrophy. Describe the pathology, clinical and lab findings prognosis and management of Duchene's muscular dystrophy
2. Define dislocation of upper limb and explain in detail anterior dislocation of shoulder
3. Write an essay on cervical spondylosis

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

4. Principles of tendon transfer
5. Athrodesis
6. Cervical rib
7. Suprasinatus tendonitis
8. Congenital radioulnar synostosis
9. Klumpke's palsy
10. Management of foot drop due to leprosy
11. Rickets
12. Frozen shoulder
13. Giant cell tumor

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

14. Trigger finger
15. Stress fractures
16. Ulnar paradox
17. Ganglion
18. Genu recurvatum
19. Hangman's fracture
20. Boutonniere's deformity
21. Hallux valgus
22. Ober's test
23. Cervical collar

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2164_2011_1_S263

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (Physiotherapy) Degree Examination – Aug / Sep 2011

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 treatment of pneumococcal pneumonia
2. Describe the clinical features, investigations and management of rheumatoid Arthritis
3. Describe the aetiology, clinical features, and management Aquired immunodeficiency syndrome

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

4. Antitubercular drugs
5. Atrial septul defect
6. Meningitis
7. Oral hypoylycemic drugs
8. Lymphadenopathy
9. Psychosis
10. Clinical features of Rheumatic fever
11. Muscular dystrophies
12. Non steroidal anti information drugs
13. Treatment of leprosy

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

14. Digoxin
15. Osteomalacia
16. Trophic ulcer
17. Patent ductus srtertiosus
18. Clubbing
19. Neonatological care
20. Psoriasis
21. Emphysema
22. Pantoperazole
23. Rickets

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2165_2011_1_S41

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (Physiotherapy) Degree Examination – Aug / Sep 2011

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. Hernia types and its management
2. Interaction of cholerptectomy and complications / investigations
3. Burns – classify – management

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

4. TCD
5. Indications nephretomy and types
6. Complications of duodenal ulcer
7. Lactation and management
8. Stages of cold abscess
9. Surgical management of facial palsy
10. Management tubectomy
11. Menstrual cycle and disorders
12. Chronic suppurative OTITIS media
13. Causes of haematuria

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

14. Define cataract
15. Indication for circumferences
16. Keloid
17. Glaucoma
18. Difference between duodenal ulcer and gastric ulcer
19. Rule of nine
20. Boundaries of Hasselbacks triangle
21. Parts of ulcer
22. Indications LSCS
23. Anatomy of the prostate

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2166_2011_1_S182

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T Degree Examination – Aug / Sep 2011

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

NEUROLOGY AND NEUROSURGERY
(OS, RS & RS2)

Q.P. CODE: 2166 & 2167

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

Use separate answer books for section A and section B

Q.P. Code: 2166 – Section 'A' Neurology (40 Marks)

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

1. Motor neuron disease classification, clinical features and rehabilitation
2. Parkinson's disease , clinical features, differential diagnose and management

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

3. Hemifacial spasm
4. Periodic paralysis
5. Define epilepsy and classify epilepsy
6. Chronic inflammations demyelinating neuropathy (CIDP)
7. Tubercular meningitis

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

8. Botulism
9. Management of spasticity
10. Higher mental function
11. Physiology of muscles contraction
12. Neuromyotonia

Q.P. Code: 2167 – Section 'B' Neurosurgery (40 Marks)

Use separate answer book

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

1. Spinal cord injury management (Acute, Chronic, Post op)
2. Spasticity, Physiology,and Management

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

3. Cerebral palsy management
4. Radial nerve injury, sites, causes, location
5. Brown sequard syndrome
6. Non operative management of lumbar disc
7. LMN bladder

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

8. Clean intermittent catheterization
9. Hydrocephalus classification
10. Reflex arc
11. Syringomyelia classification
12. Carpal tunnel syndrome

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2168_2011_1_S102

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – Aug / Sep 2011

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

COMMUNITY MEDICINE

Q.P. CODE: 2168

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 in general the prevention of occupational diseases
2. Define Infant Mortality Rate. Explain the causes of infant mortality rate in India and its prevention and control
3. describe the strategies under National AIDS Control Programme

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

4. UNICEF
5. Principles of primary health care
6. Health problems of India
7. Planning cycle
8. Different approaches to health education
9. Prevention of mental illness
10. Occupational hazards of Agricultural workers
11. Treatment and disposal technologies for hospital waste
12. Health problems of under 5 children
13. Adverse effects of oral contraceptive pills

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

14. Advantages of condom
15. Define eligible couples
16. Define API in malaria control programme
17. name any four risk factors for Cardiovascualr diseases
18. Name the drugs used for treating leprosy
19. Vector control in Chikungunuya fever
20. Mention the steps in local treatment of dog bite
21. Define Incubation period
22. Define epidemic
23. Name different levels of prevention

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2714_2011_1_S261

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – Aug / Sep 2011

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. Name the causative organism, and discuss the clinical features and management of pulmonary tuberculosis
2. Discuss the aetiology, clinical features and management of acute viral hepatitis
3. Discuss the classification, etiology and clinical features, of Pleural Effusion

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

4. Life style modifications in patients with diabetes mellitus
5. Clinical features of emphysema
6. Liver abscess
7. Complications of uncontrolled hypertension
8. Infective endocarditis prophylaxis
9. Signs of liver cells failure
10. Rickets
11. Mention different causes of upper Gastrointestinal bleeding
12. Pulmonary Rehabilitation in COPD patients
13. Acute cholecystitis

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

14. Cardiac arrest
15. Name 2 causes of fever with splenomegaly
16. Two opportunistic infections of gastrointestinal system in HIV infection
17. Name two causes of Normocytic normochromic anemia
18. Mention risk factors for oesophageal carcinoma
19. Mention types of pneumothorax
20. Mention clinical features of crohns disease
21. Mention the different bronchial asthma triggers
22. Name four important symptoms of mal absorption syndromes
23. Two organisms causing ventilator acquired pneumonia

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2715_2011_1_S263

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – Aug / Sep 2011

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 buerger's disease
2. Write in detail about cholecystectomy
3. Write in detail about common ear problems

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

4. Skin graft
5. Types of anaesthesia
6. Endoscopy
7. Pnuemothorax
8. Cancer
9. Lung abscess
10. Mitral stenosis
11. ASD
12. DVT
13. Prostatectomy

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

14. Indications for nephrectomy
15. Incision for appendicectomy
16. Causes of arteriosclerosis
17. Types of endoscopy
18. Indications for laproscopy
19. DVT – causes
20. Hernia
21. Cardiac tamponade
22. Types of skin graft
23. Retinitis

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2716_2011_1_S183

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – Aug / Sep 2011

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 in detail the types of scoliosis, clinical features and its management
2. Explain the mechanism of injury of anterior cruciate ligament, clinical signs and symptoms and its medical management
3. What are the various spinal stabilization procedures done for conditions of the spine? Add a note on the failed back syndrome

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

4. Mechanism of injury of pott's fracture and its conservative management
5. Causes for dupuytren's contracture, its features and management
6. Grades of spondylolisthesis, radiological features and its medical management
7. Etiological factors for foot drop, clinical signs and its management
8. Write in detail about the causes and radiological features of ankylosing spondylitis
9. Explain the mechanism of injury of whiplash injuries, clinical signs and its medical management
10. Types of pes planus, causes and its treatment with emphasis on footwear
11. Explain the indications and types of amputation. Add a note on stump
12. Describe the stages of periarthritis, its clinical signs and management
13. Explain the complications of colle's fracture and management of RSD

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

14. What is Galeazzi's sign?
15. Indications for external fixators
16. Hoffa's syndrome cause and management
17. What is Arthrogryposis multipex congenita?
18. Define extensor lag
19. Any 2 indications for arthroscopy
20. Causes for metatarsalgia
21. What is coccydynia?
22. Mention types of spinal canal stenosis
23. Lists the principles of tendon transfer

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - Aug / Sep 2011

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. A 65 year old lady sustained a fall and had fracture neck of femur. ORIF was done with DHS. Write down the PT assessment and management for the same
2. A 45 year old executive had IVDP for which laminectomy was done but resulted in failed back syndrome. Plan your assessment and rehabilitation for this complication
3. Describe in detail the management following transtibial amputation. Add a note on the complications for the same amputation

12 x 5 = 60 Marks

SHORT ESSAYS (Answer any Twelve)

4. Postoperative management following lateral retinacular release
5. Effects and uses of continuous passive motion
6. Explain the syndromes of McKenzie school of manual therapy
7. Causes for osteoporosis and its PT management with emphasis on exercises
8. Describe the P.T. management of a 28 year old male with Ankylosing Spondylitis
9. Explain the skill related physical fitness components
10. Parts of Milwaukee brace and its uses
11. Classify ankle instability and its management
12. Role of yoga in the treatment of cervical spondylosis
13. Classify patella fractures and postoperative management following patellectomy
14. Physiological effects of spinal traction and its contraindications
15. Post operative rehabilitation following Brandt's many tailed tendon transfer procedure
16. Stages of Adhesive Capsulitis and home program for the same condition
17. Causes for CDH, special tests and splinting at different age period

10 x 2 = 20 Mar

SHORT ANSWERS

18. Define flexibility
19. Mention any two special tests for thoracic outlet syndrome
20. Indications for arthroscopy
21. Classification of cerebral palsy
22. Types of spondylolisthesis
23. Indications for Ilizarov fixators – any three
24. Three point pressure principle
25. What is Meralgia Paresthetica? Mention causes
26. Explain any one test for supraspinatus tendinitis
27. Define post polio residual syndrome

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - Aug / Sep 2011

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. Define Postural Drainage. Mention the indications and contraindications. Explain the positions used for draining the Right Lower Lobe (2+4+4)
2. A 48 years old male has undergone Coronary Artery Bypass Graft. Now he is 1st post operative day. How will you plan a cardiac rehabilitation programme for him?
3. A 32 years old house wife, referred for physiotherapy following acute burns (Third degree) in her anterior part of neck, chest, right upper limb and hand. Explain in detail about your assessment and management

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

4. Mention the indications for mechanical ventilation. List out the different modes used in Mechanical Ventilation and define each (2+3)
5. How will you differentiate obstructive lung disease from restrictive lung disease on the basis of pulmonary function tests?
6. Define Dyspnea. Mention the types. Explain the Pathophysiology of any two (1+2+2)
7. Explain the physiotherapy assessment of a 28 years old female referred for physiotherapy, diagnosed with right lower lobe lung abscess
8. Explain the principles of exercise prescription
9. How will you plan physiotherapy programme for a female who is in her first trimester of pregnancy?
10. Define pulmonary rehabilitation. How will you plan an education session for 52 years old male diagnosed with COPD referred for pulmonary rehabilitation programme?
11. What is the role of physiotherapy in preventing immediate complications following lower limb amputations?
12. What is six minute walk test? Mention the indications, advantages and disadvantages of six minute walk test
13. What is the role of Physiotherapy in upper abdominal surgery?
14. Define respiratory failure. Mention the types. What is the role of physiotherapy in managing the same? (1+2+2)
15. Mention the indications for ABG analysis and normal values of each parameter. Add a note on respiratory acidosis (1+3+1)
16. What are the physical agents used to enhance wound healing? Explain the rationale behind any two of the modalities (2+3)
17. Importance of exercise in obesity

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

18. Sustained Maximal Inspiration
19. Ankle Brachi Index
20. Decortication – indication
21. Pulse Oxymeter
22. Intra Aortic Balloon Pulsation (IABP)
23. Active Cycle of Breathing Technique
24. Positive End Expiratory Pressure (PEEP) – importance
25. Diaphragm- Origin, insertion and nerve supply
26. Types of Aerosol delivery
27. What is VO_2 Max?

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