(1)

2163_2009_1_S10!

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.P.T. Degree Examination – Feb - 2010

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 laboratory findings, prognosis and management of Duchenne muscular dystrophy
2. Describe the clinical features, acute management, radiological evaluation and rehabilitation of paraplegia resulting from a burst fracture of D12 vertebra
3. Classify bone tumours. Describe the clinical features, radiological evaluation and management of giant cell tumour of distal femur

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

4. Tuberculosis of hip
5. Sequestrum
6. Erb's palsy
7. Carpal tunnel syndrome
8. Foot drop
9. Principles of below knee amputation
10. Congenital muscular torticollis
11. Anterior shoulder dislocation
12. Colles' fracture
13. Arthroscopy

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

14. Mallet finger
15. Tinel sign
16. Trendelenberg gait
17. Thomas test
18. Equines deformity
19. Lumbar canal stenosis
20. Congenital trigger thumb
21. Kobb's angle
22. Botulinum toxin (Botox)
23. Saucerization

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2164 2009 1_S123

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.Sc. (Physiotherapy) Degree Examination – Feb - 2010

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. Discuss the etiology, clinical features and complications of acute myocardial infarction. Write briefly about its management
2. Define anaemia and discuss the etiology, clinical features and management of iron deficiency anaemia
3. Define chronic bronchitis. Discuss the causes, clinical features and management of chronic bronchitis

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

4. Snake bite
5. O.P compound poisoning
6. Opportunistic infections in HIV infected patients
7. Peptic ulcer
8. Megaloblastic anaemia
9. Drugs used in treatment of diabetis mellitus
10. Complications of hypertension
11. Burger's disease
12. Occupational lung diseases
13. Extra artricular manifestation of rheumatoid arthritis

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

14. Rheumatic fever prophylaxis
15. Name two organisms causing diarrhea
16. Management of anaphylactic shock
17. Name two tests for diagnosis of enteric fever
18. Infective endocarditis prophylaxis
19. Name two antitubercular drugs
20. Name two antimalarial drugs
21. Clinical features of vitamin A deficiency
22. Name two cyanotic congenital heart disease
23. Name two causes of deep vein thrombosis

2165_2009_1_S13

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.Sc. (Physiotherapy) Degree Examination – Feb - 2010

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 shock. Describe the management of septic shock
2. Classify ulcers. Describe the management of diabetic foot ulcer
3. Classify congenial heart diseases. Describe the clinical features and management of tetrology of fallot

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

4. Prolapse rectum
5. Sinus
6. Umbilical hernia
7. Surgical management of lower motor neuron type of facial palsy
8. Conjunctivitis
9. Ptosis and management
10. Fistula
11. Acute suppurative otitis media
12. Keratitits
13. Types of skin grafts



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

14. Appendicitis
15. Otomycosis
16. Otosclerosis
17. Amenorhhoea
18. Endometriosis
19. Autograft
20. Stricture urethra
21. Glaucoma
22. Cataract
23. Epistaxis

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2166_2009_1_S125

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.P.T Degree Examination – Feb - 2010

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. What is pyramidal & extra pyramidal tracts. Explain its c/f & differences of the same & management
2. Explain Neurogenic bladder & its management

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

3. Explain about Higher center functions in detail
4. Encephalitis, causes clinical features & its investigations
5. What is Dystonia? Explain its types & clinical features & investigation in clinics
6. Write about the management of upper level of paraplegia
7. What is GB syndrome & its management?

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

8. Causalgia
9. Rigidity
10. Gag Reflex
11. Nystagmus
12. Functions of temperal lobe

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

Use separate answer book

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

1. Explain the trauma, localization, first and management of sequelae of cord injury
2. What is entrapment Neuropathy? Give its types & clinical features & management

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

3. Broad classification & signs & symptoms of intracranial tumors
4. Complication of head injury & its management
5. Explain about Becker's dystrophy
6. What is myaesthenia gravis? give its clinical features & its management
7. Surgical management of cerebro vascular Accidents

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

8. Trigeminal Neurologia
9. Lehermitte's sign
10. Devic's disease
11. Wernicke Korsakoft syndrome
12. Werdnig Hoffmann disease

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2168_2009_1_S122

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.P.T Degree Examination – Feb - 2010

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 is Maternal Mortality Ratio? List the important causes of Maternal Mortality in India. What are the measures taken currently, to reduce Maternal Mortality in India?
2. What is Zoonosis? Name any four Zoonotic Diseases. Describe in detail the Management of dog bites
3. Define Rehabilitation. Explain the various types of Rehabilitation

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

4. Health Functionaries at the Village Level
5. Occupational Hazards of Agricultural Workers
6. Terminal Methods of Family Planning
7. Social security
8. Milk Hygiene
9. Types of Communication
10. Problems of the Aged
11. Health Hazards of Air Pollution
12. Uses of Epidemiology
13. Agent Factors in Disease



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

14. Hind Kusht Nivaran Sangh
15. Enlist the benefits of ESI act
16. Appropriate Technology in primary Health Care
17. Post Coital of Emergency Contraception
18. Problem family
19. Vitamin A prophylaxis
20. Mass Approach in Health Communication
21. Condom promotion in National AIDS control programme
22. DALY
23. Rule of Halves

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2714_2009_1_S106

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.P.T. Degree Examination – Feb - 2010

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

GENERAL MEDICINE

(RS-3)

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 the various chest wall deformities and pulmonary diseases associated with it. Add a note on Respiratory failure
2. Define and classify diabetes mellitus. Discuss its clinical features, management and complications
3. Define and classify anaemias. Discuss the causes and clinical features and management of iron deficiency of anemia

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

4. Bronchiectasis
5. Obesity
6. Cerebral malaria
7. Haemophilia
8. Diagnosis and management of HIV
9. Pancreatitis
10. Clinical features and management of leprosy
11. Protein energy malnutrition
12. Clinical features and treatment of QP poisoning
13. Management of bronchial asthma

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

14. Name two acyanotic congenital heart diseases
15. Name two drugs for typhoid fever
16. Mention two indications for bone marrow aspiration
17. Mention two metabolic abnormalities in acute renal failure
18. What is Asthma?
19. Mention two medical causes for pain abdomen
20. Mention two hepatotoxic antitubercular drugs
21. Mention two dietary sources of Vitamin B 12
22. Mention two causes of hepatomegaly
23. Mention two risk factors ischaemic heart disease

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2715_2009_1_S105

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.P.T. Degree Examination – Feb - 2010

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

GENERAL SURGERY

(RS-3)

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. Describe various factors that affect wound healing
2. Write about indication, clinical features and management of appendicitis
3. Define Tuberculosis. Discuss the clinical features, diagnosis and management for the same

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

4. Staging of cancer
5. Deep-Vein Thrombosis
6. Pleurodesis
7. Conjuctivitis
8. Retinitis
9. Types and conservative and surgical management of facial palsy disorder
10. Menstrual cycle
11. Pleural effusion
12. Biopsy its uses and types
13. What is scar? Write its types and treatment

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

14. Kocher's incision
15. Causes for metabolic acidosis
16. Otosclerosis
17. MRI
18. Colonoscopy
19. Mention four complications of transfusion therapy in surgery
20. Causes for biliary stones
21. What is cardiac tamponade
22. Thoracoplasty
23. Mitral Stenosis

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2716_2009_I_S101

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Third year B.P.T. Degree Examination – Feb - 2010

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

ORTHOPAEDICS AND TRAUMATOLOGY

(RS-3)

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 cerebral palsy. Classify and describe the clinical features, investigations and management of spastic type of cerebral palsy
2. Classify bone tumors. Describe the epidemiology, clinical features, differential diagnosis and management of Ewing's sarcoma of femur in a child
3. Define osteomyelitis. Classify. Discuss regarding the clinical features management and complications of acute osteomyelitis

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

4. Classify hip dislocations. Describe the clinical features and management of anterior dislocation of hip
5. Define gait. Describe briefly about various types of gait patterns in diseases of hip joint
6. Describe the deformities of lower limb in poliomyelitis. Describe the treatment of hand to knee gait
7. Monteggia fracture dislocation
8. Clavicle fractures and its complications
9. Lumbar canal stenosis
10. Blood supply of talus
11. Scaphoid fracture
12. Congenital vertical talus
13. Adolescent coxa vara

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

14. Jone's fracture
15. Dupuytren's contracture
16. Ankle sprain
17. Bankarts lesion
18. Kocher's maneuver
19. Radiological features of rickets
20. Stages of fracture healing
21. Bicipital tendinitis
22. Trigger finger
23. Head halter traction

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2717_2009_1_S106

Rajiv Gandhi University of Health Sciences, Karnataka

Third year B.P.T. Degree Examination - Feb - 2010

Time: Three Hours **Max. Marks: 100 Marks**

ORTHOPAEDICS & SPORTS PHYSIOTHERAPY

(Revised Scheme – 3)

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. What is dislocation? Write signs and symptoms of the anterior dislocation of the shoulder. Give PT management following reduction
2. Write clinical features and physiotherapy management of lumbar spondylosis in a 40 year old manual labourer
3. Explain physiotherapy management following total hip replacement

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

4. Role of physiotherapy in clavicle fracture
5. Write in general about complications following long bone fractures
6. Classify spinal fractures
7. What are the special tests for assessing cervical spondylosis? Write about the exercise prescription in cervical spondylosis
8. Physiotherapy management for PES CAVUS
9. Physiotherapy management following Pott's fracture managed with external fixator
10. Special tests for bicepital tendinitis and physiotherapy management of bicipital tendinitis
11. Role of physiotherapy in sacro iliac joint pain
12. Pre prosthetic training following above knee amputation
13. Physiotherapy management for tennis elbow
14. Physiotherapy management in wrist drop
15. Factors affecting healing of fracture
16. Clinical features and diagnostic tests for Ankylosing Spondylitis
17. Describe complications of Colles' fracture

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

18. SACH foot
19. Define thoracic Out let syndrome
20. Cobb's Angle
21. Four contra indications for manual therapy
22. Technique and significance of Drop Arm Test
23. Swan Neck Deformity
24. Any four criteria for diagnosis of rheumatoid arthritis
25. Gibbus Deformity
26. Grades in spondylolisthesis
27. what is chondromalacia Patella?

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27. What is Chondromalacia patellae?

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2718_2009_1 S102

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Third year B.P.T. Degree Examination - Feb - 2010

Time: Three Hours **Max. Marks: 100 Marks**

CARDIORESPIRATORY & GENERAL PHYSIOTHERAPY

(Revised Scheme – 3)

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. Describe management of 25 years old male who has sustained chemical burns involving the face and chest
2. Describe Prosthesis for different amputation levels involving lower extremity
3. Compare & contrast obstructive versus restrictive lung disorders. Write a brief note on pulmonary rehabilitation

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

4. Musculoskeletal complications of CABG
5. Incentive spirometry – indications and contraindications
6. Characteristics of normal ECG
7. Burger's Exercises
8. Physiotherapy management of atelectasis
9. Indications for oxygen therapy
10. Role of physiotherapy following caesarean section
11. Importance of ABG analysis in physiotherapy
12. Physiotherapy management following radical mastectomy
13. Role of physiotherapy in surgical scars
14. Home program for COPD patients
15. Anatomical differences between pediatric versus adult lung
16. Write a note on autogenic drainage technique
17. What is PUVA therapy? Write the procedure for PUVA therapy

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

18. Any two complications of suctioning
19. What is hysterectomy?
20. What is Intermittent Positive Pressure Breathing?
21. What Is Vital Capacity?
22. Indications for neurophysiological facilitation of respiration
23. Types of endotracheal tubes
24. Name the drugs used for sputum clearance
25. Name any two surgeries done for Peripheral Vascular Diseases
26. What is Broncho pleural fistula?
27. Normal hemoglobin values in either gender

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