Rajiv Gandhi University of Health Sciences

Third Year BPT Degree Examination - APRIL 2018

Time: 3 Hours [Max. Marks: 80]

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

1. Describe stages, clinical features and management of T.B Hip
2. Discuss types and management of Cerebral Palsy
3. Discuss the classifications of peripheral nerve injuries. Write in detail the etiologies, assessment and surgical management with prognosis of PNI

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

4. Total knee Arthroplasty
5. Osteomyelitis
6. Lumbar spondylosis
7. Painful Arc syndrome
8. Rheumatoid arthritis
9. Periarthritis shoulder
10. Rotator Cuff Injuries
11. Painful Heel Syndrome
12. Radial Nerve Palsy – etiology & management
13. Thoracic Outlet Syndrome

SHORT ANSWERS 10 X 2 = 20 Marks

14. Lift – off's sign
15. Mc Murray's test
16. Ricket types
17. Osteotomy
18. Head Halter's Traction
19. Trigger finger
20. Straight leg raise test
21. Wrist Ganglion
22. Lisfranc's amputation
23. Burst fracture.

* * * * *

Rajiv Gandhi University of Health Sciences

III Year B.Sc. (Physiotherapy) Degree Examination – APRIL-2018

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. Definition, classification, etiology, pathogenesis and management of diabetes mellitus.
2. Discuss etiology clinical features and management of bronchiectasis.
3. Definition, classification, clinical features and management of respiratory failure.

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

4. Tetany
5. Varicose vein
6. Ulcerative colitis
7. Autism
8. Cardiac arrest
9. Management of congestive heart failure
10. Iron deficient anaemia
11. Pericarditis
12. Management of gonorrhea
13. Complications of hypertension

SHORT ANSWERS 10 x 2 = 20 Marks

14. Polio vaccine
15. Prevention of DVT
16. Management of Rickets
17. Anorexia Nervosa
18. Name four hypoglycemic agents
19. Define Pleural effusion
20. Causes of dysphagia
21. Define Perthes Disease
22. Define aneurysm
23. Respiratory acidosis

*****

Rajiv Gandhi University of Health Sciences

III Year B.Sc. (Physiotherapy) Degree Examination – APRIL-2018

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. Write an essay on general post operative complications and its management.
2. Enumerate musculoskeletal disorders in pregnancy. Explain any one in detail.
3. Classify burns. What are the complications of burns? Describe briefly about management of burns.

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

4. Otitis media
5. Corneal ulcer
6. Colostomy
7. Deep vein thrombosis
8. Lobectomy
9. Mastectomy
10. Tracheostomy
11. Factors affecting wound healing
12. Stress incontinence
13. Management of mitral stenosis

SHORT ANSWERS 10 x 2 = 20 Marks

14. Difference between hypertrophic scar and keloid scar
15. Any four complications of blood transfusion
16. Bronchoscopy - indications
17. What is diaphragmatic disruption
18. Types of hernia
19. Complications of heart transplant
20. Functional aphonia
21. Types of biopsy
22. Classify pneumothorax
23. What is pleurodesis

*****

Rajiv Gandhi University of Health Sciences

III Year B.P.T Degree Examination – APRIL-2018

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 necessar

(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 and describe its etiology, clinical features and management of acute stroke
2. Describe the clinical features of GB syndrome. How do you manage the same?

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

3. Bell's palsy
4. Nerve supply to urinary bladder
5. Mental retardation
6. Wernicke's encephalopathy
7. Polymyositis

SHORT ANSWERS 5 x 2 = 10 Marks

8. four causes of meningitis
9. Write's cramp
10. Hemi ballismus
11. Cord compression
12. Types of epilepsy

*****

Rajiv Gandhi University of Health Sciences

III Year B.P.T Degree Examination – APRIL-2018

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. Define head injury describe causes, mechanism and management of head injury
2. Describe the classification clinical and management of intra cranial tumors

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

3. Clinical features of syringomyelia
4. Management of chronic pain
5. Risk factors for stroke
6. Write short essay on spina – bifida
7. Trigeminal neuralgia

SHORT ANSWERS 5 x 2 = 10 Marks

8. Deep brain stimulation
9. List types of Epilepsy
10. Sub dural hameotoma
11. Two clinical features of meningitis
12. Axonotmesis

*****

Rajiv Gandhi University of Health Sciences

III Year B.P.T Degree Examination – ARPIL 2018

Time: Three Hours | Max. Marks: 80 Marks

Community Medicine

(RS – 3 & RS - 4)

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. Enumerate various epidemiological methods. Describe the elements of Cohort study.
2. Define Pneumoconiosis. Explain various preventive and control measures of Pneumoconiosis.
3. Describe various contents of health education.

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

4. Modes of intervention
5. Rule of Halves
6. Modes of transmission of AIDS
7. DOTS
8. Minimum needs programme
9. Demographic Cycle
10. Advantages of Breast Feeding
11. Prevention of Protein Energy Malnutrition
12. Modes of disease transmission
13. Indications of health

SHORT ANSWERS 10 x 2 = 20 Marks

14. Spectrum of health
15. Lead Time
16. Drug dependence
17. Danger signals of Cancer
18. Minipill
19. Hazards due to improper hospital waste disposal
20. Indicators of Air Pollution
21. Hazards of Radiation
22. Manmade disasters
23. Functions of Family

*****

Rajiv Gandhi University of Health Sciences

III Year B.P.T. Degree Examination – APRIL-2018

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. Definition, types, etiology, pathogenesis, clinical features and management of Pneumonia
2. Define Hypertension; discuss the classification, management and complications of hypertension
3. Differentiate arteriosclerosis and atherosclerosis. Add a note on risk factors pathogenesis and management of atherosclerosis

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

4. Clinical features of rheumatic fever
5. Autism
6. Viral hepatitis
7. Achlasia cardia
8. Chronic complications of diabetes
9. Anemia
10. Raynauds disease
11. Cardiac arrest
12. Peritonitis
13. Indications and contraindications of exercise stress testing

SHORT ANSWERS — 10 x 2 = 20 Marks

14. Mention 2 causes of Hepatomegaly
15. Types of bronchiectasis
16. Anorexa nervosa
17. Define pleural effusion
18. Define aneurysm
19. Stages of organo phosphorous poisoning
20. MMR Vaccine
21. Liver function test
22. Types of rashes
23. Dermatitis

*****

Rajiv Gandhi University of Health Sciences

III Year B.P.T. Degree Examination – APRIL-2018

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 Bronchiectasis? Discuss in detail the clinical features, diagnosis and choice of management for the same.
2. Enumerate musculoskeletal disorders in pregnancy. Explain any one in detail.
3. Classify burns. What are the complications of burns? Describe briefly about management of burns.

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

4. Otitis media
5. Corneal ulcer
6. Colostomy
7. Deep vein thrombosis
8. Lobectomy
9. Mastectomy
10. Empyema thoracis
11. Factors affecting wound healing
12. Stress incontinence
13. Management of mitral stenosis

SHORT ANSWERS 10 x 2 = 20 Marks

14. Difference between hypertrophic scar and keloid scar
15. Any four complications of blood transfusion
16. Bronchoscopy - indications
17. What is diaphragmatic disruption
18. Types of hernia
19. Complications of heart transplant
20. Functional aphonia
21. Types of biopsy
22. Classify pneumothorax
23. What is pleurodesis

*****

Rajiv Gandhi University of Health Sciences

III Year B.P.T. Degree Examination – APRIL 2018

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 Amputation? What are the levels of amputation? Discuss the causes, complications and management of patient with below knee amputation.
2. What are the Rotator Cuff Muscles? Explain the causes, clinical features, investigations and management of rotator cuff injury.
3. Explain aetio-pathogenesis, special test and management of congenital dislocation of hip.

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

4. Spondylolistheis
5. Cervical spondylosis
6. IT band syndrome
7. Golfers elbow
8. Pott's fracture
9. TB of hip joint
10. Extensor tendon injury
11. Dash board injury
12. Colle's fracture
13. Causes and management of instability of knee joint

SHORT ANSWERS 10 x 2 = 20 Marks

14. Calcaneal spur
15. Brodies abscess
16. Hammer toe
17. Avascular necrosis
18. Genu recurvatum
19. Plica syndrome
20. Chauffer's fracture
21. Morton's neuroma
22. Four indications for arthrodesis
23. Deformities in leprosy

*****

Rajiv Gandhi University of Health Sciences

III Year B.P.T. Degree Examination - APRIL-2018

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 Intervertebral disc prolapse and mention its stages and explain about PT management for posterior disc prolapse in Lumbar region.
2. Define Periarthritic shoulder and explain in detail about PT management for the same in chronic stage with home program.
3. Define osteoporosis. Write its clinical features, Investigations and PT management.

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

4. SOMI brace and Milwaukee brace
5. PT management following Tennis elbow
6. Gait training following THR
7. Complications of Amputations
8. Mention in detail about deformities following Rheumatoid arthritis
9. Define osteotomy its indications and types
10. PT management following patellar tendon rupture
11. Discuss in detail about syndrome of Mckenzie
12. SLR and its modifications
13. Explain significance based on different types of ROM examination.
14. TB spine – PT management
15. PT management following subacromial decompression
16. SI joint dysfunction – PT management
17. Carrying techniques in cerebral palsy

SHORT ANSWERS 10 x 2 = 20 Marks

18. Sprengle's shoulder
19. Name any four principles of Tendon transfer
20. Mention any four home program exercises for plantar fasciitis
21. Mention the grades of ligament injury of ankle
22. Spinal stabilization procedures
23. SACH foot
24. Gouty arthritis
25. Scapular dyskinesis
26. Sudecks atrophy
27. Q angle

*****

Rajiv Gandhi University of Health Sciences

III Year B.P.T. Degree Examination - ARPIL 2018

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? Explain the components of pulmonary rehabilitation. What are the outcome measures used for a patient undergoing out-patient exercise training. Describe exercise prescription.
2. 45yr old patient underwent mitral valve replacement. List the causes for the replacement. Write the physiotherapy management for the same.
3. What is stress test? List the exercise test used for the cardiopulmonary patients. Explain any one test in detail.

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

4. What is manual hyperinflation? Write about its physiological use, indication, complication and implementation.
5. 45yrs old patient having bronchopneumonia right lower and middle lobe with sepsis in ICU. Patient is on ventilator, SIMV mode and conscious. Write the physiotherapy management of the patient.
6. Enlist the problems and management of a women 55yrs old having 2nd degree uterine prolapse.
7. Describe principles of neuromuscular facilitation in Respiration. Write indication and list them and mention the effect of each technique.
8. Brief about the physiological basis of Incentive spirometry. Write its indication, contraindication, complication and implementation.
9. Describe the assessment and management of a patient undergone decortication of right lung.
10. Calculate the extent of burns for patients having burns of anterior neck, face, chest and anterior hand. Write the physiotherapy management.
11. Describe in detail about the mechanical and physiological different between obstructive and restrictive lung disease.
12. Briefly describe the abnormal breathing patterns.
13. Write in detail the assessment and physiotherapy management for the patient with varicose vein..
14. What are the complications of mechanical ventilator? Briefly explain the same.
15. Write exercise prescription for a 50yrs old obese patient with type II diabetes mellitus.
16. What is humidification? Write about types of humidifiers.
17. Describe Autogenic drainage.

SHORT ANSWERS 10 x 2 = 20 Marks

18. Write grades of oedema.
19. List bronchial hygiene techniques.
20. What is pulmonary embolism? Write the causes.
21. What is FEV1/FVC ratio? Write its significance.
22. What is intermittent claudication? Mention the cause.
23. What is hypoglycemia? What is the immediate treatment?
24. What is Cor pulmonale?
25. Draw a normal ECG pattern.
26. What are the causes for skeletal muscle dysfunction in COPD?
27. Six minute walk test

*****