Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – APRIL-2019

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. Definition of Cancer. Write types, stages, clinical manifestation and management of Cancer.
2. What is Nephrectomy? Explain about indications, physiological changes and complication of Nephrectomy.
3. What is Urinary Incontinence? Types, causes, assessment and management of urinary Incontinence.

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

4. Menopause
5. Ptosis
6. Thoracoplasty
7. Prostectomy
8. Indications and complication of Lobectomy
9. Lung abscess
10. BPH
11. Gas gangrene
12. Otitis media
13. CABG

SHORT ANSWERS 10 x 2 = 20 Marks

14. Iritis
15. Pleurodesis
16. Tetralogy of fallot
17. Biopsy
18. Raynaud's phenomenon
19. Thrombophlebitis
20. Types of Scar
21. Colonoscopy
22. Chest wall deformities
23. Factors affecting wound healing

Rajiv Gandhi University of Health Sciences, Karnataka

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III Year B.P.T. Degree Examination – APRIL-2019

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. Classify fractures of upper end Humerus and discuss its management in brief.
2. Discuss classification, clinical features, complications and management of scoliosis.
3. Discuss the etiology, clinical signs, symptoms and management of T.B. spine.

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

4. Cervical rib
5. Rickets
6. Septic Arthritis of knee
7. Osteogenesis imperfecta
8. Rotator Cuff Injuries
9. Recurrent Dislocation of Patella
10. Dupuytren's contracture
11. Fracture Calcaneum
12. Giant cell tumor
13. Cruciate ligament injury - management

SHORT ANSWERS 10 x 2 = 20 Marks

14. Metatarsalgia
15. Genu Recurvatum
16. Coxa Vara
17. Define tenosynovitis
18. Clay Shoveller's fracture
19. Galaezzi's fracture
20. Arthrodesis
21. Milwaukee brace
22. Bicipital tendinitis
23. Peripheral Nerve Injuries - classification

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - APRIL-2019

Time: Three Hours | Max. Marks: 100 Marks

Orthopaedics and 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 adhesive capsulitis and describe the clinical features and physiotherapy management of Frozen shoulder in 38 year old man.
2. Define total knee replacement and physiotherapy management following TKR.
3. Describe the different stages in Intervertebral disc degeneration with physical therapy management of cervical Spondylosis.

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

4. What are causes for spinal fracture with emphasis on Physiotherapy management for T10 level?
5. Developmental dysplasia of Hip physiotherapy management for same
6. Describe briefly about the spinal Orthosis and its mechanical principles, which can be given for a grade-2 scoliosis (cobb's angle greater than 40 degrees).
7. Clinical features of tuberculosis of spine (pott's spine) and pt management
8. Post operative rehabilitation following tendon transfer procedure
9. Explain in detail about lateral ligamentous complex of the ankle and types of ankle sprain.
10. Maitland's grades of mobilization
11. Physiotherapy management in congenital torticolis
12. Lower limb tension tests and their interpretation
13. Colle's fracture, physiotherapy management for same
14. Carpal tunnel syndrome, write down the assessment and physiotherapy management for the same
15. Write a note on complications following fractures.
16. Mention the physical therapy management for a patient with osteomyelitis of knee at chronic stage.
17. Name and describe in detail any two tests to diagnose meniscal injury.

SHORT ANSWERS 10 x 2 = 20 Marks

18. What is PRICE?
19. Importance of cobb's angle
20. Dowager's hump
21. Stirrup splint uses
22. Bowstring test
23. Grades of tenderness
24. Causes of meralgia paresthetia
25. Sacralisation
26. Mc Murrays Test
27. Golfer's elbow

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - APRIL-2019

Time: Three Hours Max. Marks: 100 Ma

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 necessar

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Ma

1. Define Physical Fitness. Mention components of Physical Fitness and explain cardiopulmonary endura assessment.
2. Discuss weaning criteria for Mechanism Ventilation. List out the modes of Mechanical Ventilator.
3. Explain the types, indications and contraindications of various Breathing Exercise.

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

4. Discuss Endotracheal Suctioning under following headings: Indication, Patient preparation, Procedure Follow up care.
5. Name the Respiratory Muscles. Explain the role of Diaphragm during respiration.
6. Explain Physiology of Airway clearance.
7. Explain Active cycle breathing technique.
8. Explain skin fold measurement procedures.
9. Explain Respiratory complication of burns and write the Physiotherapy management for the same.
10. Types and causes of Respiratory failure
11. Physiotherapy management in Obstructive Lung Disease
12. Difference between Arterial and Venous disease
13. Discuss indications for the therapeutic Positioning.
14. Complex Decongestive Physical Therapy
15. Explain ABC of CPR.
16. Skin graft care and management
17. Describe Phase I Cardiac Rehabilitation.

SHORT ANSWERS 10 x 2 = 20 Ma

18. Mention grades of Clubbing
19. Cardiac Auscultation surface marking
20. Deep Breathing Exercise-any four indications
21. Hazards of Prone position
22. Trendelenburg –Trojanov's tests
23. Prevention of bedsore
24. Age predicted Heart rate max
25. Stages of Cough
26. What factors might make it difficult for a patient to accept a new method of airway clearance?
27. Mrs. Lander is a thin 61y/o COPD patient. Write the interpretation of ABG her ABG: pH 7.37, CO2 pO2 58, HC03 35, SaO2 89%

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – APRIL-2019

Time: Three Hours | Max. Marks: 80 Marks

General Surgery

Q.P. CODE: 2743 (RS-5)

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. Define pneumonectomy. Discuss in detail its indications, physiological changes and complications.
3. Write about indications, clinical features and management of appendicitis.

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

4. Stress Incontinence.
5. Coronary Artery Disease and its management.
6. Types of Anesthesia.
7. Pleural Effusion.
8. Acute Pyogenic Abscess.
9. Benign Prostate Hypertrophy.
10. Menstrual Cycle.
11. Pleurodesis.
12. Indications for nephrectomy and types.
13. Deep Vein Thrombosis.

SHORT ANSWERS 10 x 2 = 20 Marks

14. What is Pulmonary Embolism?
15. Raynaud's phenomenon.
16. What is Biopsy?
17. TNM classification of cancer.
18. Tetralogy of Fallot-features.
19. Wallace rule of nine.
20. Enumerate chest wall deformities.
21. What is CABG?
22. Types of scar.
23. What is Broncho pleural fistula?

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – APRIL-2019

Time: Three Hours Max. Marks: 80 Marks

ORTHOPEDICS AND TRAUMATOLOGY

Q.P. CODE: 2744 (RS-5)

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 of patella.
2. Discuss various levels and Amputations and management of above elbow Amputation in brief.
3. Discuss the etiology, clinical features and management of cervical spondylosis.

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

4. Conservative management of Colle's fracture.
5. Osteomyelitis.
6. TB Hip.
7. Stages of Fracture healing.
8. Deformities in rheumatoid hand.
9. Spinal canal stenosis.
10. Developmental Dysplasia of Hip.
11. Plantar fasciitis.
12. Dupuytrene's contracture.
13. Laminectomy.

SHORT ANSWERS 10 x 2 = 20 Marks

14. Syndactyly and Polydactyly.
15. Mortons Neuroma.
16. Barton's Fracture.
17. Scleroderma.
18. Osgood schaltters disease.
19. Coccydynia.
20. Osteomalacia.
21. Klippel feil syndrome.
22. Trigger finger.
23. Stress fracture.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - APRIL-2019

Time: Three Hours | Max. Marks: 100 Marks

MUSCULOSKELETAL & SPORTS PHYSIOTHERAPY

Q.P. CODE: 2745 (RS-5)

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 indications of Total Hip arthroplasty (THR) with physiotherapy management of THR?
2. Define Rheumatoid arthritis? And explain its PT assessment and management for the same.
3. Recurrent dislocation of shoulder and its Assessment and Management.

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

4. Subacromial decompression and its PT management.
5. Describe the physiotherapy management for chronic stage of osteoarthritis.
6. Golfers elbow and its PT management.
7. Define Tendon transfer and its principles and PT management following foot drop.
8. Importance of core stabilization exercises in Low back ache.
9. Classification and PT management of Tibial Plateau fracture.
10. Lateral Ankle sprain and its PT management.
11. Patella tendon rupture and its management.
12. SOAP format.
13. Above knee Prosthesis.
14. Spondylolisthesis and its PT management.
15. PT management following Both Bone fracture forearm.
16. RSD and its PT management.
17. Immediate complications following fracture.

SHORT ANSWERS 10 x 2 = 20 Marks

18. Dexa Scan.
19. SACH foot.
20. Quadriceps Contusion.
21. Froments sign.
22. Tinels Sign.
23. SLR and its significance.
24. Myotomy and Tenotomy.
25. Difference between contracture and deformity.
26. Uses of Spinal Orthosis.
27. Any two radiological features of osteoarthritis.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - APRIL-2019

Time: Three Hours | Max. Marks: 100 Marks

CARDIO RESPIRATORY & GENERAL PHYSIOTHERAPY

Q.P. CODE: 2746 (RS-5)

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 the anatomical and physiological differences between adult and pediatric lungs.
2. Explain the incisions used for thoracic surgeries and explain post-operative management for left Pneumonectomy.
3. List any four modes of ventilator. Explain physiotherapy management for intubated patient.

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

4. Write a short note on humidification.
5. Explain the importance of exercise tolerance test.
6. Write the pelvic floor muscles and add a note on Kegel's exercises.
7. What is alopecia? Write physiotherapy management for alopecia.
8. Describe two techniques of PNF respiration.
9. Write a note on weaning from ventilators.
10. Write the importance of pursed lip breathing in respiratory care.
11. Explain physiotherapy management in inhalation burns.
12. Discuss physiotherapy management of pain in cancer patient.
13. Beurger's exercises.
14. Write the components of aerobic exercises.
15. Add a note on inspiratory muscle training.
16. Bronchopulmonary segments.
17. Micro and Macro circulation.

SHORT ANSWERS 10 x 2 = 20 Marks

18. METS.
19. Ventilation Perfusion Ratio.
20. SIMV.
21. Stress test.
22. Collateral circulation.
23. Types of atelectasis.
24. Episiotomy.
25. Define flial chest.
26. Cor pulmonale.
27. Status Asthmaticus.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – OCT-2019

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. Describe the pathomechanics, clinical features and management of various deformities of rheumatoid arthritis.
2. Describe the etiology, pathology and treatment of spinal cord stenosis.
3. Describe the anatomy of upper tibial plateau. Discuss the diagnosis and treatment of anterior cruciate ligament.

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

4. Ewing's sarcoma
5. Role of electrical stimulation on non union of fracture
6. Tension pneumothorax
7. Acute osteomyelitis
8. Volkmann's ischaemic contracture
9. Superficial thermotherapy
10. Pathophysiology of nerve injuries
11. Syme's amputation
12. Automatic bluffer
13. Electrical properties of bone

SHORT ANSWERS 10 x 2 = 20 Marks

14. Interferential therapy
15. Crutch walking
16. Pylon prosthesis
17. Colle's fracture
18. Glomus tumor
19. Trendelenberg gait
20. Bankart's lesion
21. Klippel – Feil syndrome
22. Painful arc syndrome
23. Dennis brown splint

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – OCT-2019

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 the various chest wall deformities and pulmonary diseases associated with it. Add not on respiratory failure.
2. Discuss the classification, etiology and clinical features of pleural effusion.
3. Classify Hypertension. Discuss the clinical features, management and complications of systemic hypertension.

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

4. Hypothyroidism
5. Acute cholecystitis
6. Pulmonary Function Test
7. Diagnosis and management of HIV
8. Varicose veins
9. PEM
10. Cardiac rehabilitation after Myocardial Infarction
11. Management of burns
12. Mood disorders
13. Leprosy

SHORT ANSWERS 10 x 2 = 20 Marks

14. Drugs used in TB
15. Osteoporosis
16. Achlasia Cardia
17. Marasmus
18. Goiter
19. Cardiac enzymes
20. Gout
21. Mention any two causes for epigastric pain.
22. Juvenile Diabetes
23. MMR vaccine

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – OCT-2019

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 definition, classification, clinical features and management of burns
2. Write in detail about carcinoma of breast. Add a note on mastectomy
3. Write in detail about lung surgeries

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

4. Phases of wound healing
5. Hemostasis
6. Flaps
7. Stress incontinence
8. Varicose veins
9. Pneumothorax
10. VSD
11. TNM staging of lung cancer
12. Types of abdominal incisions
13. Esophageal disruption

SHORT ANSWERS — 10 x 2 = 20 Marks

14. Endoscopy – types
15. Biopsy - types
16. Skin graft - types
17. Iritis
18. Causes of airway obstruction
19. Indications for pleurectomy
20. Pre natal complications (any four)
21. Hernia types - any four
22. Name the congenital heart diseases (any four)
23. What is thoracotomy

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – OCT-2019

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. Classify fracture neck of femur. Explain the mechanism, clinical features, investigation and management of fracture neck of femur. Add note on complications of fracture neck of femur.
2. Define dislocation. Explain mechanism of injury, clinical features and management of recurrent dislocation of shoulder joint.
3. What is Rheumatoid Arthritis? Discuss etiopathogenesis, clinical feature, investigations and management of Rheumatoid Arthritis.

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

4. Carpal Tunnel Syndrome
5. Rickets
6. Hoffa's syndrome
7. Rupture of Tendo Achilles
8. Ewings sarcoma
9. Flexor tendon injuries
10. Cervical disc prolapse
11. Medial Epicondylitis
12. Reflex sympathetic dystrophy
13. Cold abscess

SHORT ANSWERS 10 x 2 = 20 Marks

14. Name 2 external fixators
15. Complications of Total hip replacement
16. Prosthesis used in Below knee amputation
17. Pathological fracture
18. Radiological features in Osteoarthritis
19. Stages of avascular necrosis
20. Complications of Rib fracture
21. Classification of Peripheral Nerve Injuries
22. Gutter crutches
23. Causes of Piriformis Syndrome

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - OCT-2019

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. Explain in detail about thoraco lumbar fractures and its PT management.
2. Define cervical spondylosis and explain in detail about its conservative management and PT management.
3. Discuss in detail about post operative physiotherapy management following Excision of Radial head.

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

4. Rotator cuff injuries and its PT management
5. Indications and parts of AFO
6. Scoliosis
7. Spina bifida occulta
8. Define End feel? Discuss about normal and abnormal end feels
9. ACL injury and its Rehabilitation
10. Osteomyelitis
11. PT management following Boxers Fracture
12. Discuss briefly about role of objective assessment in musculokeletal examination
13. Surgical corrections in poliomyelitis and its PT management
14. Diagnostic testing of SLAP lesions
15. Define CTEV. Write its PT management.
16. Thoracic outlet syndrome
17. Total elbow Arthroplasty

SHORT ANSWERS 10 x 2 = 20 Marks

18. Cobb's angle
19. Wrist drop
20. Ilizarov technique - indications
21. Name any four Radiological features in osteoarthritis
22. What is Involucrum and sequestration?
23. Spinal canal stenosis
24. Synovectomy - its indications
25. Name any two complications following colle's fracture
26. Cubitus varus and valgus deformity
27. Bamboo spine

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - OCT-2019

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. Describe the pulmonary rehabilitation program for a patient with pneumonectomy.
2. What is lung expansion therapy? Explain the different mechanisms. Write in detail about incentive spirometer.
3. Define cardiac rehabilitation. Explain different phases of cardiac rehabilitation.

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

4. Cardio-pulmonary resuscitation
5. Physiotherapy management of COPD patient
6. Enumerate analysis of body composition methods.
7. Physiotherapy management after OP poisoning
8. Anatomical and physiological difference between adult lung and pediatric lung
9. Physiotherapy management for a pleural effusion
10. Physiotherapy management for venous ulcer
11. Buerger's exercise
12. Physiotherapy management for tetanus patient
13. Breathing control techniques
14. ACBT
15. Chest manipulations
16. Describe the respiratory physiotherapy techniques used in infants and children.
17. Indications and contraindications of pulmonary function testing

SHORT ANSWERS 10 x 2 = 20 Marks

18. Types of cyanosis
19. Mention indications of oxygen therapy.
20. Types of humidifiers
21. Ronchi and wheeze
22. What is middle lobe syndrome?
23. What is meconium aspiration syndrome?
24. Any four causes of clubbing
25. Complications of oxygen therapy
26. Body mass index
27. Define respiratory failure.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – OCT-2019

Time: Three Hours | Max. Marks: 80 Marks

GENERAL MEDICINE

Q.P. CODE: 2742 (RS-5)

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 Function Test (PFT)? What are the indications and contra indications of PFT? How do you differentiate obstructive and restrictive lung disorder based on PFT?
2. What are the congenital heart diseases? Discuss the clinical features, investigations and management of atrial septal defect.
3. Define rheumatoid arthritis. Write a note on its clinical features, diagnostic criteria and management.

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

4. Goiter.
5. Psoriasis.
6. Management of Syphilis.
7. Hemophilia.
8. OP Poisoning.
9. Acute respiratory distress syndrome.
10. Viral Hepatitis B.
11. Kwashiorkor.
12. Liver abscess.
13. Complications of uncontrolled hypertension.

SHORT ANSWERS 10 x 2 = 20 Marks

14. Types of pneumothorax.
15. MMR Vaccine.
16. Clinical features of Mitral stenosis.
17. Definitions of Respiratory failure.
18. Mention two drugs for leprosy.
19. Define Bronchiectasis.
20. Mention 2 causes for cyanosis.
21. Signs of pleural effusion.
22. Name 2 antidotes of OP Poison.
23. Indications for blood transfusion.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – OCT-2019

Time: Three Hours | Max. Marks: 80 Marks

General Surgery

Q.P. CODE: 2743 (RS-5)

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. Draw and label the abdominal incisions and add a note on hysterectomy.
2. Write the classification and management of Burns.
3. Define Cancer. Write the types, clinical manifestation, stages and surgical procedures involved in the management of cancer.

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

4. Surgical infection.
5. Biopsy-Uses and types.
6. Mitral valve stenosis-clinical features.
7. Menstrual cycle and its disorders.
8. Types and uses of skin flaps.
9. Burger's Disease.
10. Episiotomy.
11. Otitis Media.
12. Pulmonary edema.
13. Laparoscopy-uses.

SHORT ANSWERS 10 x 2 = 20 Marks

14. Define COPD.
15. Retinitis.
16. Ascitis.
17. Lymphedema.
18. Gastrectomy.
19. Colposcopy.
20. Murmurs.
21. Lobectomy.
22. Esophageal disruption.
23. Conjunctivitis.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – OCT-2019

Time: Three Hours | Max. Marks: 80 Marks

ORTHOPEDICS AND TRAUMATOLOGY

Q.P. CODE: 2744 (RS-5)

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 cold abscess. Describe clinical features, investigations, management of tuberculosis of hip joint.
2. Discuss etiology, clinical features and management of Osteoarthritis.
3. Write an essay on subtrochanteric fracture of femur, its clinical features, complications and surgical management.

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

4. Recurrent dislocation of patella.
5. Explain the surgical methods for CTEV.
6. Dequervian's disease.
7. Mention the causes for plantar fasciitis and also its management with emphasis on orthotics.
8. Loose bodies in the joints.
9. Clavicle fracture.
10. Describe the etiology of cervical spondylosis, its clinical and radiological features.
11. Poliomyelitis-stages.
12. Anterior cruciate ligament injury special test and surgical management.
13. Torticollis.

SHORT ANSWERS 10 x 2 = 20 Marks

14. Classification of leprosy.
15. Internal fixators.
16. Sequestrum.
17. Explain any one test performed in Thoracic Outlet Syndrome.
18. Valgus and varus test.
19. Name out the surgical treatment for Avascular Necrosis of femur.
20. Complications of supracondylar fracture of humerus.
21. Clinical features of Thoracic outlet syndrome.
22. Scaphoid fracture clinical findings.
23. MRI.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - OCT-2019

Time: Three Hours | Max. Marks: 100 Marks

MUSCULOSKELETAL & SPORTS PHYSIOTHERAPY

Q.P. CODE: 2745 (RS-5)

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. A 21 year old man sustained fracture shaft of humerus which is reduced and treated conservatively with plaster of Paris slab, visited a physical therapy clinic one day after the removal of slab for further management. List out the assessment, aims and means of treatment for the same.
3. Write signs, symptoms and PT management following Below knee Amputations.

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

4. Formulate PT treatment following TKR.
5. Explain the 3 pain syndromes of McKenzie's concept.
6. What are the gait deviations observed in scissoring gait?
7. Mention the physical therapy management for a patient with osteomyelitis of knee at chronic stage.
8. Write a note on Perthe's disease.
9. What are the causes of cervical rib? Explain any one test for cervical rib.
10. Lower limb neural tissue tension tests and their interpretation.
11. Principles of Maitland mobilization technique.
12. Physical fitness tests.
13. Characteristics of ideal stumps.
14. Physiotherapy management for tennis elbow.
15. Role of physiotherapy in sacro iliac joint pain.
16. What are the causes of genu recurvatum? Write about the physiotherapy management of genu recurvatum.
17. What is Volkmann's ischemic contracture? Mention the physical therapy treatment for the same.

SHORT ANSWERS 10 x 2 = 20 Marks

18. Significance of 'Q' angle.
19. Hoffa's Syndrome.
20. Bowstring test.
21. What is P.R.I.C.E?
22. Principles of tendon transfer.
23. ULTT-2.
24. Slump test.
25. Cobb's angle.
26. SACH's foot.
27. Mention types of spinal canal stenosis.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - OCT-2019

Time: Three Hours | Max. Marks: 100 Marks

CARDIO RESPIRATORY & GENERAL PHYSIOTHERAPY

Q.P. CODE: 2746 (RS-5)

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 peripheral vascular disorders. Enumerate the causes, pathophysiology and physiotherapy assessment and management for arterial disorders.
2. Plan out cardiac rehabilitation program for patient with myocardial infarction.
3. Write a physiotherapy management of a patient in ICU.

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

4. Explain pre and post physiotherapy management following lobectomy.
5. Manual hyperinflation technique.
6. Compare and contrast obstructive and restrictive lung disease.
7. Antenatal exercise programme.
8. Add a note on autogenic drainage.
9. Write the antidyspnic position for dyspnic patient.
10. Pharmacological stress testing.
11. Write the exercise prescription and planning for a patient with type II diabetes.
12. Coughing techniques.
13. Explain the role of flutter in respiratory therapy.
14. Enumerate the causes of pleural effusion. Write the physiotherapy management for the same.
15. Write a note on Arterial Blood Gas Analysis.
16. Write the indications and criteria to administer oxygen therapy.
17. Explain the differences between IPPB and CPAP.

SHORT ANSWERS 10 x 2 = 20 Marks

18. Differences between coughing and huffing.
19. Bronchopleural fistula.
20. Reid Index.
21. VO_2 max.
22. Stages of clubbing.
23. Angle of Lewis.
24. MRC scale of dyspnea.
25. Diastasis recti.
26. What is radical mastectomy?
27. Homen's test and its significance.

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