

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.P.T. Degree Examination – 25-Jan-2021

Time: Three Hours

Max. Marks: 80 Marks

GENERAL SURGERY (RS5)

Q.P. CODE: 2743

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

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Describe etiology, pathogenesis and surgical management of varicose veins.
2. Define and classify burns. Describe the management of 30% thermal burns.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

3. Retinal detachment causes.
4. What is tracheotomy and indications for the same in detail?
5. Causes of retention of urine in aged.
6. What is Scar? Write its types and treatment.
7. Biopsy its uses and types.
8. Drainage system and tubes.
9. Endoscopy.
10. Basic process involved in wound repair.
11. Indications and management following surgery of lobectomy.
12. Write a note on maternal changes of pregnancy.

SHORT ANSWERS

10 x 3 = 30 Marks

13. What is Pleurodiosis?
14. Incision for Appendicectomy.
15. Indications for Laproscopy.
16. Conjunctivitis.
17. Bell's Phenomenon.
18. Uses of Flaps.
19. Hysterectomy.
20. Rectum prolapse.
21. Write about Dialation and curettage.
22. List four complications of multiple child birth.

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.P.T. Degree Examination – 25-Jan-2021

Time: Three Hours

Max. Marks: 80 Marks

GENERAL SURGERY

(RS3 & RS4)

Q.P. CODE: 2715

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

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Explain in detail about abdominal incisions.
2. Definition of cancer. Explain types, stages, clinical manifestations and management of Cancer.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

3. Mastectomy
4. Classification of burns.
5. Deep vein thrombosis
6. Endoscopy
7. Child birth
8. Lobectomy
9. Glaucoma
10. Laparoscopy
11. Aneurysm
12. Otitis media

SHORT ANSWERS

10 x 3 = 30 Marks

13. Sinusitis
14. Hematuria
15. Wound management
16. Lung abscess
17. Thrombophlebitis
18. Pleurodesis
19. Raynaud's phenominan
20. Skin graft
21. Preeclampsia
22. Indications of Nephrectomy

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.P.T. Degree Examination – 21.01.2021

Time: Three Hours

Max. Marks: 80 Marks

GENERAL MEDICINE (RS5)

Q.P. CODE: 2742

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

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Define Hypothyroidism. Describe formation of thyroid hormone, clinical features and management of Hypothyroidism.
2. Describe Hypertension, clinical features and management

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

3. Clinical features of Wilson's disease.
4. Clinical features of Endocrine disorders.
5. Treatment for food poisoning.
6. Clinical features of Bronchial Asthma.
7. Grave's disease.
8. Clinical features of DMD.
9. Clinical features of stable angina.
10. Brief about hepatic carcinoma.
11. Causes of upper GI bleed.
12. Clinical features of Rheumatic fever..

SHORT ANSWERS

10 x 3 = 30 Marks

13. Jone's criteria.
14. What is Kayser-Fleischer ring?
15. Hersch - Heimer reaction.
16. Types of Leprosy.
17. Gumma.
18. Megacolon.
19. Glucose tolerance test.
20. Types of gall stones.
21. Drugs used instable angina.
22. Name five antibiotics.

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.P.T. Degree Examination - 01-Feb-2021

Time: Three Hours

Max. Marks: 100 Marks

MUSCULOSKELETAL AND SPORTS PHYSIOTHERAPY (RS5)
Q.P. CODE: 2745

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

LONG ESSAYS (Second Question Choice)

2 x 10 = 20 Marks

1. Explain the PT management for shoulder impingement syndrome.
2. Explain the pre-operative PT assessment and management for above elbow amputation.

OR

Explain the Post-operative physiotherapy management following surgical correction for scoliosis.

SHORT ESSAYS (Question No 3 & 12 choice)

10 x 5 = 50 Marks

3. Explain PT management of Talus fracture.

OR

Define end feel, explain the normal, pathological end feel and its significance.

4. Discuss the general observation of Gait and mention any four gait deviations in lower limb.
5. Discuss the grades of manual Muscle testing.
6. Explain the physiotherapy management following prolapsed inter vertebral disc at L4-5 level.
7. Explain the capsular pattern for shoulder joint and its importance in rehabilitation of PA shoulder.
8. Explain post operative PT management for Total Hip replacement.
9. Explain PT management of fracture shaft of femur.
10. Explain the PT management following conservative management for both bone fracture of forearm.
11. Explain PT management of Tennis Elbow.
12. Explain PT management of Petello femoral Dysfunction.

OR

Explain the self-mobilization exercises for rotator cuff injury.

SHORT ANSWERS

10 x 3 = 30 Marks

13. What is Faber's test?
14. What is Scissoring gait?
15. What is Barton fracture?
16. What are the uses of cryotherapy?
17. Bone mineral density.
18. Stress fractures.
19. What is Kapalabhati?
20. What is Ulnar claw hand?
21. What are the McKenzie principles of mobilization?
22. What is ideal stamp?

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.P.T. Degree Examination – 28-Jan-2021

Time: Three Hours

Max. Marks: 80 Marks

ORTHOPEDICS AND TRAUMATOLOGY (RS5)

Q.P. CODE: 2744

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

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. What is arthroplasty? Explain the types of arthroplasty. What are the indications, contraindications and complications of THR?
2. Classify supracondylar fracture of humerus. Describe clinical features, investigations and management of supracondylar fracture of humerus.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

3. Deformities of poliomyelitis and its management.
4. Cause, clinical features and management of Osteoporosis.
5. Ankylosing spondylitis.
6. Pott's fracture of ankle.
7. Recurrent dislocation of patella.
8. Anterior knee pain in athletes.
9. Student's elbow.
10. Piriformis syndrome assessment and management.
11. Rheumatoid Arthritis in hand.
12. Explain the causes for osteomyelitis, clinical features and the complications.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Malignant bone tumour.
14. Fat embolism.
15. Charcot joints.
16. Four deformities in RA.
17. Mc Murrays test.
18. Dermatome and Myotome.
19. Special test for carpal tunnel syndrome.
20. AVN.
21. Gibbus.
22. Brodie's abscess.

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.P.T. Degree Examination – 28-Jan-2021

Time: Three Hours

Max. Marks: 80 Marks

ORTHOPAEDICS AND TRAUMATOLOGY
(RS3 & RS4)

Q.P. Code: 2716

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

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Describe clinical features of thoracic scoliosis & briefly outline the management in a 14-year-old boy.
2. Explain the term "Congenital Deformities" and its difference from congenital anomalies? Write clinical features, deformities & management of CTEV?

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

3. Monteggia fracture.
4. Erb's palsy.
5. Principles of below knee amputations.
6. Plantar fasciitis.
7. Tennis elbow.
8. Torticollis.
9. Total hip replacement.
10. Neurotmesis.
11. Thoracic outlet syndrome.
12. Gouty arthritis.

SHORT ANSWERS

10 x 3 = 30 Marks

13. SOMI Brace.
14. Bankart's lesion.
15. Classify Amputation of both UL and LL.
16. Pes planus and its types.
17. Pott's fracture.
18. Piriformis syndrome.
19. Tendon transfer principles.
20. Straight leg raise test.
21. Swan neck deformity.
22. Meralgia Paresthetica.

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.P.T. Degree Examination - 01-Feb-2021

Time: Three Hours

Max. Marks: 100 Marks

ORTHOPAEDICS AND SPORTS PHYSIOTHERAPY
(RS3 & RS4)
Q.P. CODE: 2717

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

LONG ESSAYS (Second Question Choice)

2 x 10 = 20 Marks

1. What are types of meniscal tears and its management by surgical and conservative methods?
2. How would you perform pre and post operative management for below knee amputee?

OR

What are the different zones of flexor tendon injuries of hand? Write the management of zone II flexor tendon injury.

SHORT ESSAYS (Question No 3 & 12 choice)

10 x 5 = 50 Marks

3. Describe the various causes for the tennis elbow with its physiotherapy management.
- OR**
4. What are the different causes for shoulder impingement and its management?
 4. Describe the different tendon transfers performed in hand with Hansen's disease.
 5. How would you manage autonomous dysreflexia and mention its cause?
 6. How would you clinically diagnose Reflex sympathetic dystrophy and physiotherapy management?
 7. Describe the aetiopathology of gouty arthritis with its management.
 8. Write the PT management following acute ankle sprain.
 9. How would you differentiate open and closed kinematic chain exercise?
 10. Write a note on the deformities seen in rheumatoid hand.
 11. Describe various ways to reeducate tendon-transferred muscle.
 12. Discuss various intervention strategies for osteoporosis.

OR

How would you perform subjective examination in a patient with low back pain?

SHORT ANSWERS

10 x 3 = 30 Marks

13. Hangman's fracture.
14. Cervical rib.
15. Classify patellar fracture.
16. Cubitus valgus.
17. Coxavara.
18. Methods to measure soft tissue swelling.
19. Grades of mobilization.
20. Tinel's sign.
21. Orthotic modification in CTEV.
22. Types of hip dislocation.

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.P.T. Degree Examination – 21.01.2021

Time: Three Hours

Max. Marks: 80 Marks

GENERAL MEDICINE
(RS3 & RS4)
Q.P. CODE: 2714

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

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

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

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

3. Pneumothorax
4. Varicose vein
5. Ulcerative colitis
6. Autism
7. Cardiac arrest
8. Pancreatitis
9. Iron deficient anaemia
10. Pericarditis
11. Management of gonorrhoea
12. Complications of hypertension

SHORT ANSWERS

10 x 3 = 30 Marks

13. Polio vaccine
14. Causes of GI bleeding
15. Management of Rickets
16. Anorexia Nervosa
17. Name four hypoglycemic agents
18. Pleural effusion
19. Causes of dysphagia
20. Four consequences of Malabsorption syndrome
21. Aneurysm
22. Respiratory acidosis

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.P.T. Degree Examination - 03-Feb-2021

Time: Three Hours

Max. Marks: 100 Marks

CARDIORESPIRATORY AND GENERAL PHYSIOTHERAPY (RS3 & RS4)
Q.P. CODE: 2718

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

LONG ESSAYS (Second Question choice)

2 x 10 = 20 Marks

1. Define exercise testing. What are the indications and contraindications of exercise testing? Mention the types and termination criteria in exercise testing.
2. Define respiratory failure. Mention its classification. Add a note on physiotherapy management.

OR

Describe in detail physiotherapy techniques to increase lung volume.

SHORT ESSAYS (Question No.3 & 12 choice)

10 x 5 = 50 Marks

3. Physiotherapy management for a recently healed scar
4. Physiotherapy management after valve replacement
5. Exercise prescription in a hypertensive patient
6. Role of physiotherapy in uterovaginal prolapse
7. Principles and methods for energy conservation
8. Physiotherapy management for Bronchiectasis
9. Management of hyperhidrosis
10. Oxygen delivery systems
11. Physiotherapy management of 10% burn affect Rt thorax and upper limb
12. Physiotherapy management for peripheral vascular disease

OR

Role of physiotherapy in stage of labour

SHORT ANSWERS

10 x 3 = 30 Marks

13. Types of ulcers
14. Burgers exercises
15. Define CPAP.
16. Define pulmonary oedema.
17. Define agility and mention the test used for the same.
18. Manual techniques used in postured drainage
19. Any four causes of clubbing
20. Complications of oxygen therapy
21. Body mass index
22. Define cardiac rehabilitation.

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.P.T. Degree Examination - 03-Feb-2021

Time: Three Hours

Max. Marks: 100 Marks

CARDIO RESPIRATORY AND GENERAL PHYSIOTHERAPY (RS5)

Q.P. CODE: 2746

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

LONG ESSAYS (Second Question choice)

2 x 10 = 20 Marks

1. Write the physiotherapy assessment and management for abdominal surgeries.
2. Exercise planning and prescription for geriatric population.

Or

Write the cardiac rehabilitation for a patient who had undergone CABG three months ago.

SHORT ESSAYS (Question No.3 & 12 choice)

10 x 5 = 50 Marks

3. Weaning of ventilation.

Or

Autogenic drainage

4. Write the burns rehabilitation.
5. Difference between arteries and veins.
6. Antenatal physiotherapy programme.
7. ARDS.
8. Difference between adult and paediatric lungs.
9. PFT
10. Breathing control technique.
11. Manual hyperinflation technique.
12. Flow volume loops.

Or

Pelvic floor muscles.

SHORT ANSWERS

10 x 3 = 30 Marks

13. ACBT
14. Equal pressure point.
15. What is MV02
16. Emphysematous bullae.
17. Burger's Exercises.
18. Uterus prolapse.
19. Honeycomb appearance.
20. Exercise induced asthma.
21. Midline incision.
22. Karvonens formula.
