

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 02-Mar-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. Classify Hypertension. Add a note on clinical features, management and complications.
2. Define bronchial Asthma. Write a note on its clinical features, complications and management.

SHORT ESSAYS (Answer any Eight)

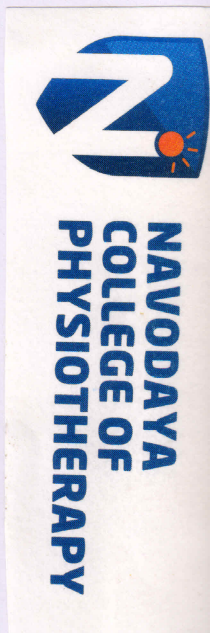
8 x 5 = 40 Marks

3. Spina bifida
4. Raynaud's disease
5. Pancreatitis
6. Fallot's tetralogy
7. Psoriasis
8. Hemophilia
9. Chronic complications of diabetes mellitus
10. Myocarditis
11. Clinical features of Rheumatic fever
12. Anxiety disorders – classification and management

SHORT ANSWERS

10 x 3 = 30 Marks

13. BCG vaccine
14. Gout
15. Kwashiorkor
16. Widal test
17. Causes of developmental delay
18. Cyanosis
19. Acne vulgaris
20. Define lung abscess.
21. Classification of pneumothorax
22. Cardiac failure.



Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 02-Mar-2021

Time: Three Hours

Max. Marks: 80 Marks

GENERAL MEDICINE Q.P. CODE: 2742 (RS5)

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. Classify Obesity. Add a note on management in obesity.
2. Classify congenital heart diseases. Explain tetralogy of fallot in detail.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

3. Caushing's syndrome.
4. Arteriosclerosis.
5. Viral hepatitis.
6. Define cyanosis. Mention its causes.
7. Clinical features and management of leprosy.
8. Endocarditis.
9. Define and classify anemia.
10. Management of syphilis.
11. Blue boater and pink puffer.
12. Mood disorders-types and management.

SHORT ANSWERS

10 x 3 = 30 Marks

13. MMR Vaccine.
14. Marasmus.
15. Cardiac arrest-definition.
16. Causes of GI bleeding (any four)
17. Define Lung abscess.
18. Problems of Low birth weight infants (any four)
19. Dementia.
20. Types of dyspnea.
21. Name sexually transmitted diseases (any four)
22. Liver function tests.



NAVODAYA
COLLEGE OF
PHYSIOTHERAPY

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 04-Mar-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. Classify congenital heart diseases. Write a note on fallots tetralogy.
2. Clinical features and managements of patient with 30% burn

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

3. Nephrectomy
4. Colostomy
5. Flaps – types and uses.
6. Menopause, its effect on musculoskeletal disorders
7. Varicose veins
8. Inguinal hernia
9. Mitral stenosis – surgical management
10. Sterility and its investigations
11. Bronchiectasis
12. Otosclerosis

SHORT ANSWERS

10 x 3 = 30 Marks

13. Tracheostomy indications
14. Types of skin grafts
15. Uses of Biopsy
16. Classify aneurysm.
17. Test for DVT
18. Types of incontinence
19. Broncho pleural fistula
20. Clinical features of cholecystitis.
21. Thoracoplasty
22. Intercostals drainage – indications



NAVODAYA
COLLEGE OF
PHYSIOTHERAPY

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 04-Mar-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. Explain in detail the steps involved in wound healing? What are the factors that affect wound healing?
2. Describe the pathophysiology, clinical features and management of coronary artery disease.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

3. Pneumonectomy.
4. Buerger's disease.
5. Chronic suppurative otitis media.
6. Empyema thoracis.
7. Ventricular Septal Defect.
8. Congenital tracheomalacia.
9. Indirect inguinal hernia.
10. Senile cataract.
11. Mastectomy.
12. Deep Vein Thrombosis.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Ileostomy.
14. Types of skin grafts.
15. Colposcopy.
16. Regional Anesthesia.
17. Heart Lung Machine.
18. Facial Nerve Paralysis.
19. Stages of labour.
20. Conjunctivitis.
21. Menopause.
22. Patent Ductus Arteriosus.



NAVODAYA
COLLEGE OF
PHYSIOTHERAPY

Rajiv Gandhi University of Health Sciences, Karnataka

Third Year BPT Degree Examination - 08-Mar-2021

Time: 3 Hours

Max. Marks: 80 Marks

CLINICAL ORTHOPAEDICS (OS, RS & RS2) QP Code: 2163

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

LONG ESSAY (Answer any One)

1 X 10 = 10 Marks

1. Define PIVD. Write stages, clinical features and management of PIVD L4 – L5 level.
2. Define prosthesis and orthosis. Give the pre and post operative management of Below Knee amputation.

SHORT ESSAY (Answer any eight)

8 X 5 = 40 Marks

3. Claw Hand.
4. Flat Foot – types and management.
5. Cervical Rib – symptoms, clinical tests and complications.
6. Supraspinatus tendonitis – symptoms and differential diagnosis.
7. Cervical Spondylosis.
8. Osteoarthritis of knee.
9. Arthrodesis and Arthroplasty.
10. Bone and Cartilage tumor – Classification.
11. Tennis elbow.
12. Carpal tunnel syndrome.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Metatarsalgia – symptoms and causes.
14. Nursemaid's knee.
15. Cobb's angle.
16. TB spine clinical presentation and investigations.
17. Ganslen's test and its significance.
18. Non-Union and Mal-Union factors.
19. March's fracture – causes
20. Wrist drop – causes and splint to be used.
21. Chondromalacia patellae.
22. Dennis Brown Splint – indications and principle of working.

* * * * *



NAVODAYA
COLLEGE OF
PHYSIOTHERAPY

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – 08-Mar-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. Classify arthritis. Describe clinical features, investigations, differential diagnosis & management of rheumatoid arthritis.
2. Write the difference between fracture neck of femur and fracture shaft of femur? Write detail about complications and management of both of it.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

3. Torticollis.
4. Explain gouty arthritis.
5. Explain the causes, clinical features, management for thoracic outlet syndrome.
6. Hemiarthroplasty.
7. Supraspinatus tendinitis.
8. Explain causes, clinical features of scaphoid fracture.
9. Classify soft tissue injury – explain medial collateral ligament injury in brief.
10. Osteomalacia.
11. Calcaneal spur.
12. Adhesive capsulitis.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Dupuytren's contracture.
14. Runner's knee.
15. Tinel sign and its significance.
16. Phantom limb
17. Pes cavus
18. Dinner fork deformity
19. Thomas test
20. Stages of frozen shoulder
21. Carrying angle and its significance.
22. Jaipur foot



NAVODAYA
COLLEGE OF
PHYSIOTHERAPY

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.P.T. Degree Examination – 08-Mar-2021

Time: Three Hours

Max. Marks: 80 Marks

ORTHOPEDICS AND TRAUMATOLOGY - (RS-5)

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. Describe mechanism of injury, clinical features, complications and management of Anterior dislocation of shoulder.
2. Define Arthroplasty. Explain the types, indications, contraindications, complications of total hip arthroplasty.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

3. Explain clinical features and management of Bicipital Tendinitis.
4. Define Osteoporosis. What are the causes and clinical features of Osteoporosis?
5. Explain clinical features and management of Rheumatoid arthritis.
6. Write a short note on management of Poliomyelitis.
7. Explain clinical features and management of Cervical Spondylolysis.
8. Explain the clinical features and management of TB spine.
9. Explain the management of CDH.
10. Explain the causes, clinical features and special tests for Tennis Elbow.
11. Explain the management for Recurrent dislocation of patella.
12. Explain the mechanism of injury, grades of ankle sprain, and clinical features of lateral Ankle sprain.

SHORT ANSWERS

10 x 3 = 30 Marks

13. What is Trigger Finger?
14. Name the Deformities in CTEV.
15. What is Genu recurvatum?
16. What is Myositis ossificans
17. What is Osteochondroma?
18. Mention the clinical features of Ankylosing spondylitis.
19. What is Lumbarisation?
20. Mention any two special tests for Cruciate injuries of knee.
21. What is Clay shoveller's fracture?
22. What are the Clinical features of Plantar Fasciitis?



**NAVODAYA
COLLEGE OF
PHYSIOTHERAPY**

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - 10-Mar-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. Discuss briefly the treatment protocol following Total hip replacement (cemented prosthesis) for a 50-year-old obese lady.
2. Describe the physiotherapy assessment and management of a 20-year-old boy who has a right sided thoracolumbar scoliosis which is postural in nature (grade-1).

OR

Write in detail postoperative assessment for a mid-thigh level amputation case and physiotherapy treatment regimen for the same.

SHORT ESSAYS (Question No 3 & 12 choice)

10 x 5 = 50 Marks

3. Physiotherapy management for a pressure sore over posterior aspect of calcaneum.

OR

Prescribe a home program for a 60-year-old lady who has bilateral tibio femoral and patella femoral arthritis.

4. Mention the physiotherapy treatment guidelines for a soft tissue injury at medial aspect of elbow of a javelin thrower in sub acute phase of the injury.
5. What is genu valgum? Mention both short and long-term physiotherapy treatment.
6. Discuss the physiotherapy management for shoulder anterior dislocation.
7. Physiotherapy management of intercondylar fracture of femur orthopaedically treated with internal fixator.
8. Discuss briefly rehabilitation principles of a 30-year-old male computer engineer who adopted a forward neck and shoulder posture because of working conditions.
9. Mention physiotherapy management for an enthusiastic football player sustained an inversion injury at ankle, and wants to be back on field as soon as possible.
10. What is supraspinatus tendinitis? Mention a confirmatory test for it along with a detail assessment for the condition.
11. Discuss the physiotherapy principles of a patient diagnosed with acute rheumatoid arthritis.
12. What is arthrodesis? Comment on rehabilitation of a shopkeeper who had undergone a right sided glenohumeral arthrodesis.

OR

What is myositis ossificans? What are the precautions a physiotherapist should take to avert this complication?

SHORT ANSWERS

10 x 3 = 30 Marks

13. Hoffa syndrome.
14. Q angle - significance.
15. Retrolisthesis of vertebrae.
16. Concave convex rule.
17. Sacralization.
18. Thomas test - Technique.
19. Closed pack position of a joint.
20. Pes cavus- any two exercises.
21. Hammer toes - Causes.
22. Difference between swelling and effusion.



NAVODAYA
COLLEGE OF
PHYSIOTHERAPY

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - 10-Mar-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. 25-year tennis player underwent for the rotator cuff reconstruction surgery. Write in detail P.T rehabilitation protocol.
2. Explain post operative physiotherapy treatment protocol for a 14 yr old girl who underwent D8-D9 spinal fusion for treatment of idiopathic scoliosis.

OR

Explain the post-operative PT management following ACL reconstruction with patellar tendon graft.

SHORT ESSAYS (Question No 3 & 12 choice)

10 x 5 = 50 Marks

3. Explain PT management of Volkmans ischemic contracture.

OR

Explain the gait deviations while using lower limb prosthesis.

4. Discuss any two special tests and its management for patellofemoral dysfunction.
5. Discuss the PT management for lumbar IVDP.
6. Discuss any two special tests for SI joint dysfunction.
7. Explain the PT management for trigger finger?
8. Explain PT management of Rheumatoid Arthritis.
9. Explain the PT management for Grade II lateral ligament ankle sprain.
10. Explain PT management for Bimalleolar fracture.
11. Explain PT management following non-cemented total hip arthroplasty.
12. Explain PT management for IT band syndrome.

OR

Explain PT management for the meniscal injury of knee.

SHORT ANSWERS

10 x 3 = 30 Marks

13. What are the common sites of stress fractures in osteoporotic patient?
14. What are the contraindications of asana?
15. What is NAGS?
16. What is Zig zag deformity of hand?
17. List the role of physiotherapy in Pyogenic arthritis.
18. Cobb's angle.
19. What is Mallet finger?
20. What is stress fracture?
21. What is Bio-Engineering?
22. What are the indications of Food drop splint?



NAVODAYA
COLLEGE OF
PHYSIOTHERAPY

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - 15-Mar-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. What are the types of skin grafts? Describe the physiotherapy for a patient with skin graft over the trunk and lower limb following burns.
2. Define Pulmonary rehabilitation. Describe the pulmonary rehabilitation protocol for a patients diagnosed with chronic bronchitis.

OR

Define Respiratory failure. Mention the types. What is role of Physiotherapy for the same?

SHORT ESSAYS (Question No.3 & 12 choice)

10 x 5 = 50 Marks

3. Physical agents used to enhance wound healing

OR

Anatomical and physiological differences between adult and pediatric lung

4. Mechanical Aids to decrease the work of breathing
5. What are the types of Emphysema and explain the PT management.
6. Active cycle of breathing technique
7. Postnatal exercise following caesarian section
8. Inspiratory Muscle Training
9. Phase II of cardiac rehabilitation
10. List the airway clearance technique and explain any two.
11. PT management following Mitral Valve replacement
12. Exercise prescription for an obese child

OR

List the absolute and relative contraindication of exercise stress testing.

SHORT ANSWERS

10 x 3 = 30 Marks

13. ACBT
14. Respiratory acidosis
15. Difference between coughing and huffing
16. Sustained maximal inspiration
17. Chyne stokes breathing
18. Cyanosis and its causes
19. Breath sound
20. Self-assisted cuffing techniques
21. Flutter
22. Keloid



NAVODAYA
COLLEGE OF
PHYSIOTHERAPY

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.P.T. Degree Examination - 15-Mar-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 assessment and management of PVD.
2. What is pneumothorax? Explain the physiotherapy assessment procedure for a patient with right side pneumothorax.
Or
What is Bronchiectasis? Write an assessment, short- and long-term goals and management Bronchiectasis.

SHORT ESSAYS (Question No.3 & 12 choice)

10 x 5 = 50 Marks

3. Beurger's exercises.
Or
Balke ware protocol.
4. Bronchopleural fistula.
5. Breathing exercises and its types.
6. Antidyspnic positions.
7. Assessment and management of wound.
8. Explain cough mechanism.
9. Physiotherapy assessment and management of pleural effusion.
10. Intercostal Stretch.
11. Chest expansion measurement.
12. Importance of history taking.
Or
Write the physiotherapy techniques to increase lung volumes.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Pulse oximetry.
14. Grades of pressure sores.
15. Cor pulmonale.
16. Grades of edema
17. Pleural rub.
18. Incentive spirometry.
19. Grading of clubbing.
20. Diaphragmatic scooping.
21. Cyanosis.
22. Breathing Control Technique.



**NAVODAYA
COLLEGE OF
PHYSIOTHERAPY**