



**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)**

**Bachelor of Physiotherapy, Semester-V
September 2023 Examination.**

TIME – 3 HRS

MAX MARKS:100

Physiotherapy in Cardio Respiratory & General Conditions

Q.P Code: B5130

Your answer should be specific to the question asked.

Draw neat labeled diagrams wherever necessary

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. Describe in detail indications, benefit and any three components of Pulmonary rehabilitation? (2+2+6=10)
2. A 50-year-old man with left transtibial amputation referred for physiotherapy 1 week after amputation. He is sole earning member with 4 members in family and has history of diabetes and gangrene. Discuss short term goals and physiotherapy management for the same (3+7 = 10)
3. A 45-year-old male patient, chronic smoker since last 30 years, admitted with chief complaints of dyspnoea on performing activities of daily living and productive cough since past two days. Discuss short term and long-term Physiotherapy management his cough and dyspnea. (3+7 = 10)

SHORT ESSAY (Answer any Ten)

10X 5 = 50 Marks

4. Describe the types of wound and its management
5. List any 5 anatomical and physiological differences between adult and pediatric lung
6. Enumerate any ten biochemical and hematological investigation with normal values.
7. Define Manual Hyperinflation; write the Indications, Contraindications and Hazards of MH.
8. Explain physiotherapy management following Radical Mastectomy.
9. Explain Role Of Splinting In Burn Injuries
10. Discuss The Various Steps Of Endo Tracheal Suctioning
11. Discuss Risk Factors And Physiotherapy Management Of Peripheral Vascular Disorders
12. Write Complications And Post-Operative Management Following Abdominal Surgeries
13. Enumerate The Bronchospasm Drugs And Its Side Effects
14. Write A Brief Note On Neonatal Respiratory Distress Syndrome
15. Write A Brief Note On High Flow Oxygen Therapy

SHORT ANSWER (Answer any Ten)

10X 3 = 30 Marks

16. Define Cardiac Rehabilitation
17. Enumerate the Clinical symptoms and manifesto of Bronchial Asthma
18. Enumerate the Indication and contraindication of Pulmonary function test
19. Enumerate the complication of Pneumonectomy
20. List the complications of nasotracheal suctioning
21. Enumerate Borg scale
22. List the indications and principle of Acapella
23. List the PNF chest techniques
24. List the accessory muscles of ventilation
25. Define Homans Test
26. Enumerate the Normal values of Arterial Blood Gases
27. Define PEEP



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Bachelor of Physiotherapy, (Semester-V)

September 2023 Examination.

Time: 2.30 Hrs.

[Max. Marks: 80]

Clinical Orthopedics, traumatology & Rheumatology

Q.P Code: B5140

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Discuss the clinical features, mechanism of injury and management of fracture shaft of femur.
2. Discuss the causes, clinical features, stages and management of peri arthritis of shoulder.
3. Discuss the causes, clinical features and management of Rheumatoid Arthritis.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Explain the causes, clinical features and management of Achillis tendonitis.
5. Explain the mechanism of injury and management of Supra Condylar fracture of humerus
6. Explain the clinical features and management of Gouty Arthritis
7. Explain the clinical features and management of Supraspinatus Tendonitis
8. Explain the clinical features and management of Cerebral Palsy
9. Explain the complications and management of Perthes disease.
10. Explain the clinical features and management of extensor injuries of hand
11. Definition, clinical features and management of osteochondritis dissecans

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

12. What is Jones fracture
13. What is Cervical Rib
14. List causes of Systemic Lupus Erythematosus
15. List the mechanism of injury of anterior dislocation of hip
16. Write a note on Stress fracture
17. List the complications of amputation
18. What is Coccydynia
19. List the complications of Rickets
20. List the clinical features of Calcaneal Spur
21. Define spinal dysraphism
22. Write a note on Hoffa's Syndrome
23. Indications for limb reattachments



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TIME – 2 HRS

MAX MARKS:40

EXERCISE PHYSIOLOGY HEALTH & FITNESS

Q.P Code: B5150

*Your answers should be specific to questions asked.
Draw neat labelled diagrams wherever necessary.*

Long Essay: (Any one)

1 X 10 = 10 Marks

1. Explain in detail the principles of exercise training

Short Essay: (Any three)

3 X 5 = 15 Marks

2. Explain in detail the exercise prescription for Hypertension
3. Discuss the exercise prescription for Obesity
4. Discuss the acute cardio vascular effect during exercise
5. Explain in detail the exercise prescription for Diabetes

Short Answer: (Any five)

5 X 3 = 15 Marks

6. What is 1 RM
7. What is Lactate Threshold
8. What is sit and reach test
9. List the types of anerobic exercises
10. Enumerate the Karvonen's formula
11. List the energy system in the body
