



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

**Bachelor of Physiotherapy, Semester-V**

**March 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. Define Pulmonary Rehabilitation? Discuss the various components and indications of pulmonary rehabilitation program
2. Discuss the rule of nine and explain the physiotherapy management post burns for a 23-year-old female.
3. A 49 years old male posted for Coronary Artery Bypass Graft. He is a known smoker for the past 29 years. Explain the role of physiotherapy in managing this patient.

**SHORT ESSAY (Answer any Ten)**

**10X 5 = 50 Marks**

4. Describe in detail the Modes and complications of Ventilator
5. Write a short note on any 2 mechanical airway clearance devices
6. Discuss the clinical features and management of Respiratory Distress Syndrome
7. Discuss the classification and management of ulcers
8. Discuss the physiotherapy management following radical mastectomy
9. What are the types of emphysema and write a short note on physiotherapy management
10. Write a short note on stages of cough and enumerate the difference between huffing and coughing
11. Write a short note on Pursed lip breathing
12. Discuss the principle and indications of CPAP
13. Write a note on proprioceptive neuro muscular facilitation techniques for the chest
14. What is Pleural Effusion? Write a note on Segmental breathing exercise
15. Discuss the risk factors, classification and physiotherapy management of peripheral vascular disease

**SHORT ANSWER (Answer any Ten)**

**10X 3 = 30 Marks**

16. What is pump handle mechanism
17. What is pigeon chest and funnel chest
18. What is bottle PEP
19. List the drugs used for breathlessness
20. What is anatomical dead space.
21. List the types of wound
22. What is Intermittent Claudication
23. Enumerate the causes of Pallor
24. Enumerate the contraindication of chest percussion
25. List the causes of raised JVP and normal values
26. Enumerate the grades of clubbing
27. What is Body Mass Index

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**March 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 causes, clinical features, mechanism of Injury, complications and management of fracture neck of humerus.
2. Discuss the causes, clinical features, complications, medical and surgical management of Osteoporosis.
3. Discuss the causes, pathophysiology and management of Inter Vertebral Disc Prolapse.

**SHORT ESSAYS (Answer any Six)**

**6 x 5 = 30 Marks**

4. Explain the clinical features and management of Osteoarthritis.
5. Explain the mechanism of injury and management of Colle's fracture
6. Explain the clinical features and management of Plica syndrome
7. Explain the clinical features and management of Tennis elbow
8. Definition, clinical features and management of student's elbow.
9. Explain the clinical features, complications and management of CDH.
10. Explain the causes, clinical features and radiological features of still's disease.
11. Explain the mechanism of injury and management of coccyx fracture

**SHORT ANSWERS (Answer any Ten)**

**10 x 3 = 30 Marks**

12. List the types of amputation
13. What is spinal dysraphism
14. Write a note on Smith's fracture
15. List the mechanism of injury of cervical spine fracture
16. Write a note on Hamstring Strain
17. Define hemivertebra
18. What is Torticollis
19. List the management of Rib fracture
20. List the clinical features of Osteoporosis
21. List clinical features of IT Band Syndrome
22. Difference between Trigger finger and mallet finger
23. What is Osteochondroma



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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:**

**1 X 10 = 10 Marks**

1. Explain in detail the various body composition analysis

**Short Essay : (Any three)**

**3 X 5 = 15 Marks**

2. Risk stratification for exercise testing
3. Exercise prescription for elderly population with hypertension
4. Discuss the procedure and outcomes of Six-minute walk test
5. Explain any two principles of exercise training

**Short Answer: (Any five)**

**5 X 3 = 15 Marks**

6. List the types of training
7. List the effects of warm up
8. Enumerate contraindications of exercise testing
9. Define Strength and Power
10. What is endurance training
11. What is Reversibility principle

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