

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**  
**(A DEEMED TO BE UNIVERSITY)**  
**Bachelor of Physiotherapy, Semester-V**  
**September 2021 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. 55 years old male, farmer has suffered from myocardial ischemia 2 days back. Discuss the phase 1 & 2 of Cardiac Rehabilitation.
2. Discuss the indication, complication and steps of endo tracheal suctioning.
3. Discuss the types, TNM staging and exercise prescription for Lung Cancer.

**SHORT ESSAY (Answer any Ten)**

**10X 5 = 50 Marks**

4. Discuss the complications and physiotherapy management post Appendicectomy
5. Discuss the indication and working principle of Incentive spirometry
6. What is a humidifier? Discuss the different types of humidifiers.
7. Discuss the classification and physiotherapy management of PVD
8. Discuss the principle and various dyspnea relieving positions with suitable diagram
9. Define is bronchial asthma and add a note on Diaphragmatic breathing exercise
10. Discuss the risk stratification of cardiac rehabilitation
11. Explain the types and physiotherapy management post amputation
12. Explain the procedure of autogenic drainage
13. Write a short note of inspiratory muscle training
14. Write in detail the clinical features and management of Apnea of prematurity
15. Discuss the indication and procedure of ACBT

**SHORT ANSWER (Answer any Ten)**

**10X 3 = 30 Marks**

16. List the cardiac rehabilitation team
17. List complications of ventilators
18. What is persistent hypertension of the new born
19. Two indications of PFT
20. What is target heart rate?
21. List the risk factors for PVD
22. Classification of Respiratory failure
23. List the contraindication of Incentive Spirometry
24. Enumerate three incisions used in an abdominal surgery
25. Radiological findings of COPD.
26. Brief out on chest vibration
27. Enumerate any 6 biochemical investigations with values

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September 2021 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 neck of humerus.
2. Discuss the causes, clinical features and management of Osteomyelitis
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. Explain the clinical features and management of Rickets
9. Explain the complications and management of CDH.
10. Explain the mechanism of injury and management of posterior dislocation of shoulder
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 genu valgum and genu varum
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. List the muscles attached to clavicle
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. Write a note on Trigger finger
23. What is Osteochondroma

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**Bachelor of Physiotherapy, Semester-V**  
**September 2021 Examination.**

**MAX MARKS: 40**

**Q.P Code: B5150**

*Draw neat labelled diagrams wherever necessary.*

1 X 10 = 10 Marks

- 3 X 5 = 15 Marks**

- 5 X 3 = 15 Marks

6. What is end post oxygen consumption (EPOC)
7. What is overload principle
8. What is rate of perceived exertion
9. Discuss the flexibility test
10. Define lean body mass, enumerate the normal values for Lean body mass
11. What is 1 RM

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