

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

Bachelor of Physiotherapy

Semester-V March 2022 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 the indications, benefit and any three components of Pulmonary rehabilitation?
2. A 60-year-old male, working as a manager in a bank, has undergone CABG for triple vessel disease 3 days back. He is a chronic smoker and a known case of hypertension. Discuss Phase 1 and Phase 2 Cardiac rehabilitation and suggest life style modifications for him.
3. Discuss the indication and procedure of mechanical airway clearance technique with suitable diagrams.

SHORT ESSAY (Answer any Ten)

10X 5 =50 Marks

4. Discuss the types and indications of Humidifier
5. Discuss the complications of Pulmonary Surgeries
6. Write physiotherapy management of bronchiectasis.
7. Write the procedure for postural drainage for lower lobes
8. List out PNF respiration technique and describe any two.
9. Discuss the indications and procedure of Autogenic Drainage.
10. Define ulcer and its types, describe the physiotherapy managements of diabetic ulcers.
11. Discuss the physiotherapy management for breathless patients
12. Write a note on weaning from ventilators
13. Discuss the exercise prescription for lung cancer patients
14. Discuss the indication and physiotherapy management for Amputation
15. Explain the principle and procedure of any 2 lung expansion therapies

SHORT ANSWER (Answer any Ten)

10X 3 = 30 Marks

16. Write MRC grading of Dyspnea
17. Write about Burgers Exercise
18. Write a note on chest vibrations
19. Enumerate the observation in Intercostal drainage System
20. What is Pleural pressure
21. Enumerate the indications of ACBT
22. Difference between hypoxia and Hypoxemia
23. List the clinical features of transient tachypnea of new born
24. Write about the significance of ST segment changes in ECG
25. Write the NYHA Grading of Angina
26. What is IPPB
27. List the causes of central cyanosis



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Bachelor of Physiotherapy (Semester-V)

March 2022 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 Spinal Cord Injury.
2. Discuss the complication, clinical features and management of fracture shaft of femur.
3. Discuss the causes, clinical features and management of anterior dislocation of humerus.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Explain the clinical features and management of hand crush injury.
5. Explain the mechanism of injury and management of Intervertebral Disc Prolapse
6. Explain the clinical features and management of Quadriceps Strain
7. Explain the clinical features and management of Rotator Cuff Injury
8. Explain the complication and causes of Amputation
9. Explain the clinical features and management of Coccyx fracture.
10. Explain the mechanism of injury and management of Coll's fracture
11. Explain the causes and management of Osteoarthritis

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

12. What is Bennett's fracture
13. List the cause of CDH
14. List causes of tennis elbow
15. List the mechanism of injury of Cervical spine fracture
16. Write a note on Talus fracture
17. List the complications of Osteopenia
18. What is Hangman's fracture
19. List the clinical features of Achillis Tendon rupture
20. List the clinical features of Piriformis syndrome
21. Write a note on spinal Canal Stenosis
22. Write a note on Smith's fracture
23. What is CTEV

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Bachelor of Physiotherapy Semester-V
March 2022 Examination.

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 acute and chronic adaptations of cardiovascular system

Short Essay: (Any three)

3 X 5 = 15 Marks

2. Write a short note on indication and contraindication of sub maximal exercise testing
3. Exercise Prescription for 45-year-old male known type -2 Diabetes
4. Exercise Prescription for Hypertension for 60-year-old female
5. Explain in detail the FITT principle

Short Answer: (Any five)

5 X 3 = 15 Marks

6. What is oxygen debt?
7. Enumerate the Karvonen's Formula
8. What is Waist to Hip Ratio
9. Patient preparation for exercise testing
10. What is Scratch Test
11. Write a note on muscle hypertrophy

