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?
- 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.
- Discuss the indication and procedure of mechanical airway clearance technique with suitable diagrams.

SHORT ESSAY (Answer any Ten)

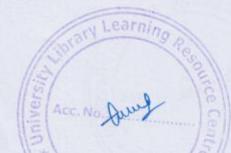
10X 5 = 50 Marks

- 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.
- Discuss the indications and procedure of Autogenic Drainage.
- 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
- 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)

 $2 \times 10 = 20 \text{ Marks}$

- 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.
- Discuss the causes, clinical features and management of anterior dislocation of humerus.

SHORT ESSAYS (Answer any Six)

 $6 \times 5 = 30 \text{ Marks}$

- 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
- 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)

 $10 \times 3 = 30 \text{ Marks}$

- 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

