

**VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)**

**BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION
March - 2021
Fourth Year**

PHYSIOTHERAPY FOR CARDIO RESPIRATORY CONDITIONS

Time: Three hours

Maximum: 100 Marks

Answer **ALL** questions.

I. ESSAY: (2 x 20 = 40)

1. Define, indications, outcomes and steps in pulmonary rehabilitation.
2. Describe ventilator types and principles. Discuss the physiotherapy assessment of ventilator dependent patient and management

II. SHORT NOTES: (8 x 5 = 40)

3. Mechanism of breathing.
4. Breathing re-education during functional activities.
5. Angina pectoris.
6. Relaxation position for breathless patient.
7. Chest wall deformities.
8. Factors affecting cough mechanism.
9. Preoperative management for patient with abdominal surgery.
10. Buerger's exercise.

III. SHORT ANSWERS: (10 x 2 = 20)

11. Draw Trachea and bronchial tree.
12. Draw conductive system of heart.
13. Define Bronchial asthma.
14. Lobotomy.
15. Nebulization.
16. Draw heart.
17. Assess chest wall expansion.
18. Jugular venous distension.
19. Aim of breathing exercise.
20. Clinical features of pneumonia.
