

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

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION
September 2021
Fourth Year

PHYSIOTHERAPY FOR CARDIORESPIRATORY
CONDITIONS

Time: Three hours

Maximum: 100 Marks

Answer **ALL** questions.

I. ESSAY: (2 x 20 = 40)

1. Define, indications, outcomes and phases of cardiac rehabilitation and its benefits.
2. Describe breathing exercise types and principles. Discuss the physiological effects, steps and precautions of breathing exercise.

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

3. Muscles of respiration.
4. Anatomical and physiological dead space.
5. Assess dyspnea.
6. Management of broncheictasis.
7. Preoperative management of open heart surgery.
8. Active cycle of breathing technique.
9. Preoperative management for patient with pneumonectomy.
10. Types and principles of physiotherapy management for Ventilator dependent patient.

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

11. Draw coronary and pulmonary circulation.
12. Draw cardiac cycle.
13. Define hypertension.
14. Blood pressure.
15. Causes for lung abscess.
16. Draw lungs.
17. Breathing control.
18. Incentive spiro meter.
19. Aim of suctioning.
20. Adjunct for adult and pediatric patient.