

Abhinav Bindra Sports Medicine and Research Institute

Pahala , Bhubaneswar

MPT 2nd Year Internal Examination September 2023

PAPER 3 (CARDIORESPIRATORY PHYSIOTHERAPY)

Total marks: 100

Duration: 3 hours

Answer any 4 Questions (4 * 25)

1. Explain intradialytic exercises. Explain the recent advances in intradialytic exercises. State down the protocol for renal rehabilitation (5+10+10)
2. Explain the underlying causes of each type of respiratory failure with respect to pathophysiology. How might the cause influence the physiotherapy management of each type of respiratory failure? (12.5+12.5)
3. State the predisposing factors for Coronary Artery Disease, giving a brief explanation of how each factor increases the risk of developing the disease. **Explain** how the pathological changes of Coronary Artery Disease may lead to the possible signs, symptoms and clinical features. **Suggest** how the physiotherapist may play a role in preventing Coronary Artery Disease (10 + 10 + 5)
4. Explain atherosclerosis. Write down the impact of atherosclerosis in different types of PVD
5. Write Short notes on **any 2** (12.5 + 12.5)
 - a) Post operative PT care for paediatric patients.
 - b) Techniques to improve lung capacities
 - c) Chest Xray interpretation