

Abhinav Bindra Sports Medicine & Research Institute

BPT 2nd Year Internal Examination 2023

PHYSIOTHERAPY IN CARDIOPULMONARY CONDITIONS

Date: 10.10.23

Time: 09 AM – 12 NOON

FM: 100

SECTION A

Answer any 3 Questions (3 * 20)

- 1) Describe the pre and post-operative management for a 45-year-old male patient for right pneumonectomy.
- 2) Write in detail the anatomy and physiology of the respiratory system.
- 3) Write in detail about cardiopulmonary stress testing. How is it useful in cardiopulmonary rehabilitation?
- 4) Define postural drainage. Write down the indications and contraindications of postural drainage. Describe the drainage position of the right upper lobe of the bronchial tree with suitable diagrams.

SECTION B

Answer any 4 Questions (4 * 10)

- 5) Weaning from ventilators and modes of mechanical ventilation.
- 6) Airway clearance techniques for a ventilated patient
- 7) PFT interpretation
- 8) Assessment of breathing patterns
- 9) Cough
- 10) Write down the differences between:
 - a) Arterial and venous insufficiency
 - b) Open and closed heart surgery