

Abhinav Bindra Sports Medicine and Research Institute
BPT 2nd Year 2nd Internal Examination
Physiotherapy in Cardiopulmonary Conditions
Date-09.08.24

Total marks: 100

Duration: 8:30-11:30 Am

SECTION A- Answer any 3 Questions (3 * 20)

- 1) Describe the role of physiotherapy in neonatal ICU. (20)
- 2) a) Define and describe the types of respiratory failure. (5)
 B) Briefly outline the different modes of mechanical ventilation. (5)
 C) Write in detail physiotherapy management of a mechanically ventilated patient. (10)
- 3) Write down the classification of congenital heart diseases, clinical features and management. (20)
- 4) a) Explain different surgical approaches used in cardiac surgery. (10)
 B) What is Aortic valve stenosis. Explain the clinical features and management (10)

SECTION B- Answer any 4 Questions (4 * 10)

- A) Describe in detail Complications of pulmonary surgeries (10)
- B) Outline the physiological differences between adult & paediatric respiratory system (10)
- C) ABG Analysis (10)
- D) Exercise Prescription used in early outpatient phase of Cardiac Rehabilitation (10)
- E) Explain the mechanical techniques used in airway clearance (10)
- F) Explain the clinical features and surgical management for Arrhythmia (10)