

Third Year BPT Degree Supplementary Examinations July 2025

**Physiotherapy in Cardio-Respiratory Disorders and Intensive Care
Management**

(2016 Scheme)

Time: 3 Hours

Total Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays: (2x15=30)

1. What is interstitial lung disease. Explain physiotherapy management in terms of short and long term goals for patient having interstitial lung disease.
2. List congenital heart diseases. Add a note on physiotherapy management following cardiac surgeries.

Short notes (4x10=40)

3. List the difference between obstructive and restrictive lung diseases in terms of PFT values. Add a note on indications for PFT.
4. Explain physiotherapy techniques to increase lung volume.
5. Define Angina pectoris. Add a note on ECG and its interpretation.
6. Explain cardio pulmonary resuscitation in detail.

Answer briefly: (10x3=30)

7. Explain respiratory failure and its types in detail.
8. Explain Blue Bloaters and pink puffers
9. Acute respiratory distress syndrome.
10. Define shock and its types.
11. Normal heart sounds.
12. APGAR Score.
13. Define cyanosis and its types.
14. Ventilation perfusion ratio.
15. Karvonen's formula.
16. Define MET and its normal values.
