

2012 Scheme

QP CODE: 414014

Reg. No.....

Fourth Year BPT Degree Supplementary Examinations January 2026

Physiotherapy in cardio respiratory and intensive care management

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: (2x14=28)

1. Explain how physiotherapists assess and manage Peripheral Vascular Disease to enhance vascular health and patient well-being.
2. Detail the post-lobectomy physiotherapy management protocol for lung carcinoma patients, emphasizing its role in promoting recovery, functional enhancement, and overall well-being.

Short essays: (4x8=32)

3. Explain relevance of ECG in physiotherapy.
4. Explain physiotherapy techniques to increase lung volume
5. Explain physiological basis of autogenic drainage and its phases in airway clearance.
6. Oxygen therapy.

Answer briefly: (10x4=40)

7. Clubbing.
8. Significance of Minute Ventilation.
9. Aspiration.
10. Body Mass Index.
11. Muscles of respiration.
12. Significance of FEV₁.
13. Role of physiotherapy in pulmonary oedema.
14. Types of cyanosis and its clinical significance.
15. Flutter device.
16. Stages of cough and factors that hinder the normal coughing mechanism.
