

**QP CODE: 324014**

**Reg. No.....**

**Third Year BPT Degree Supplementary Examinations July 2023**

**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. Define Ischemic heart disease and its causes. Explain the Post-Operative Physiotherapy Management for Coronary Artery Bypass Grafting (CABG).
2. Define pulmonary rehabilitation. Explain pulmonary rehabilitation for bronchial asthma.

**Short notes** (4x10=40)

3. Role of physiotherapy in restrictive lung disease.
4. ECG and its importance in Physiotherapy.
5. Arterial blood gas analysis and its interpretations.
6. Cardiopulmonary resuscitation.

**Answer briefly:** (10x3=30)

7. Pursed lip breathing.
8. Define Work of Breathing.
9. Briefly describe about conducting system of heart.
10. Explain the Broncho pulmonary segments.
11. What is Karvonen's formula.
12. Muscles of Inspiration and Expiration.
13. Pulmonary oedema.
14. Indications for open heart surgery.
15. Types of humidifiers.
16. Principles of breathing exercises.

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