

**QP CODE: 324014**

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

**Third Year BPT Degree Regular/Supplementary Examinations  
March 2022**

**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. Describe the indications, contraindication and classical positions of postural drainage. (3+3+9)
2. Explain the contraindications, precautions and management strategies in the first phase of cardiac rehabilitation following a myocardial infarction. (3+3+9)

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

3. Describe the indications, contraindications and technique of active cycle of breathing technique. (2+2+6)
4. Explain the physiotherapy techniques to reduce work of breathing.
5. Describe the physiotherapy management of a 48-year-old male with chronic bronchitis.
6. Discuss the physiotherapy assessment and management in lobectomy.

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

7. Complications of tracheal suctioning
8. Definition and uses of pursed lip breathing
9. Define tension pneumothorax
10. Technique and use of chest clapping
11. Definition and uses of nebulization
12. Any three differences between huffing and coughing
13. Mention the types of breath sounds
14. Karvonen's formula for calculating exercise heart rate
15. Definition and uses of Intermittent positive pressure breathing
16. Mention the types of oxygen delivery systems

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