

**QP CODE: 404014 (Old Scheme)**

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

**Fourth Year BPT Degree Supplementary Examinations August 2019**

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

**(2010 Scheme)**

**Time: 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:**

**(2x14=28)**

1. Define postural drainage and illustrate the postural drainage for right lower lobe segments
2. Describe physiotherapy following surgical coronary revascularization of a 55 years old male with metabolic syndrome

**Short essays:**

**(4x8=32)**

3. Describe the modes of pressure cycles mechanical ventilation
4. Explain various posture defect and correction following thoracotomy procedures
5. Role of physiotherapist in neonatal intensive care unit
6. Explain relaxation techniques in bronchial asthma

**Answer briefly:**

**(10x4=40)**

7. Describe sputum analysis
8. Forced expiratory technique
9. Oxygen toxicity
10. Complications of airway suctioning
11. Principles of overload and overtraining
12. Incentive spirometer training
13. Capnography and its physiotherapy implications
14. Principles of cardiac Yoga
15. Cardiac enzymes
16. Role of wind instruments in paediatric physiotherapy

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