

**QP CODE: 414014 (New Scheme)**

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

**Fourth Year BPT Degree Supplementary Examinations  
February 2018**

**Physiotherapy in cardio respiratory and intensive care management  
(2012 Scheme)**

**Time: 3 Hours**

**Total Marks: 100**

- **Answer all questions**
- **Draw diagrams wherever necessary**

**Essays:**

**(2x14=28)**

1. Explain in detail the normal bronchial hygiene mechanism. Explain any three bronchial hygiene therapy techniques with their indications and contraindications.
2. Define pulmonary rehabilitation. Describe in detail the components of a rehabilitation program for a patient with COPD.

**Short essays:**

**(4x8=32)**

3. Types of nebulizers
4. Enumerate the types of sub maximal exercise stress tests. Describe any 2 in detail.
5. Explain the physiotherapy management for type II respiratory failure
6. Explain active cycle of breathing technique

**Answer briefly:**

**(10x4=40)**

7. Define cardiac rehabilitation
8. Name any four bronchodilators
9. Modes of mechanical ventilation
10. Name any four low flow oxygen therapy devices
11. Continuous positive airway pressure
12. Breathing control technique
13. Physiotherapy for peripheral vascular disease
14. Physiotherapy management for head injury
15. Physiotherapy for aspiration
16. Huffing

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