

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

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

**Fourth Year BPT Degree Examinations August 2017**

**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. Define cardiac rehabilitation. Plan cardiac rehabilitation program for a patient who has undergone mitral valve replacement with mechanical prosthetic valve.
2. A 45 years old gentleman known smoker got admitted with acute exacerbation of COPD has been intubated. Describe in detail the physiotherapy assessment and management for this patient.

**Short essays:** **(4x8=32)**

3. Postural drainage positions for right lower lobe
4. Exercise testing and prescription for type II diabetes mellitus
5. Explain the physiotherapy management for a child who has undergone total correction for tetralogy of fallot.
6. Methods of analysing body fat composition.

**Answer briefly:** **(10x4=40)**

7. Active cycle of breathing technique
8. Monitors in intensive care unit
9. Rib Springing.
10. Respiratory acidosis in arterial blood gas analysis.
11. Principle of forced expiratory technique
12. Supported Coughing.
13. Indications for CPAP
14. Precautions during suctioning
15. Definition of IPPB
16. Yoga for asthmatic patients.

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