



**QP CODE:404014**

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

**Fourth Year BPT Degree Supplementary Examinations, April 2015**

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

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:**

**(2x14=28)**

1. List down the indications for intubation and explain the physiotherapy for a patient with mechanical ventilation
2. Define and explain the physiotherapy assessment and management of patient following mitral valve replacement

**Short essays:**

**(4x8=32)**

3. Modifiable cardiac risks and role of exercises
4. Explain indications and stages of modified Bruce protocol
5. Describe the working principle and usage procedure of incentive spirometer
6. Cardio Pulmonary Resuscitation

**Answer briefly:**

**(10x4=40)**

7. Methods of respiratory muscle strength evaluation
8. Renal failure-principles of physiotherapy
9. Precautions during physiotherapy for patient with cardiac dysrhythmias
10. Physiotherapy principles in patient exercise induced asthma
11. Chest radiograph findings in lung consolidation and pleural effusion
12. Differential lung ventilation
13. Patient criteria to weaning from ventilator support
14. Buerger's exercise
15. List down the problems in chronic emphysema
16. Assessment for bronchial hygiene

\*\*\*\*\*