



**QP CODE:404014**

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

**Fourth Year BPT Degree Supplementary Examinations, March 2016**

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

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

**Essays:**

**(2x14=28)**

1. A 72 years old male who is a known case of COPD is admitted in ICU with complaints of sudden onset of breathlessness, cough and sputum production. Explain the physiotherapy assessment in detail. Add a note on physiotherapy techniques to reduce breathlessness.
2. Define pulmonary rehabilitation. Mention the indications and contra indications. Explain the components in detail.

**Short essays:**

**(4x8=32)**

3. Define humidification. Mention the indications and explain its types.
4. Plan an exercise prescription for a 60 years old male with type II diabetes mellitus.
5. Define oxygen therapy and explain its types in detail.
6. Explain the anatomical difference between the adult and paediatric lung fields

**Answer briefly:**

**(10x4=40)**

7. Broncho-pulmonary segments
8. SIMV
9. Active Cycle of Breathing Technique
10. Rib springing
11. Cyanosis
12. Coughing Vs huffing
13. Indications for ABG and explain respiratory acidosis
14. Target heart rate
15. Segmental expansion exercise
16. Name the muscles of respiration. Mention any one technique used in strengthening respiratory muscles.

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