

# **2010 Scheme**

**QP CODE: 404014**

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

**Fourth Year BPT Degree Supplementary Examinations October 2021**

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

**Time: 3 Hours**

**Total Marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays:**

**(2x14=28)**

1. Explain physiotherapy management following cardiac valve replacement
2. Describe the principles and physiotherapy role in pulmonary rehabilitation

**Short essays:**

**(4x8=32)**

3. Describe physiotherapy in interstitial lung disease
4. Explain role of physiotherapy in ARDS
5. Explain the factors affecting exercise performance
6. Enlist the role during emergencies in intensive care unit

**Answer briefly:**

**(10x4=40)**

7. Peak Expiratory Flow Rate (PEFR)
8. IPPB (Intermittent Positive Pressure Breathing)
9. Bronchopulmonary segments
10. Asana and Pranayama in COPD
11. Principles of cardiopulmonary resuscitation
12. FITT principles in obese patient
13. Exercise progression in paediatric surgeries
14. Complications after myocardial infarction
15. Neurophysiological facilitation techniques in ventilation
16. Role of nebulization in chest physiotherapy

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