

QP CODE: 324014

Reg. No.....

**Third Year BPT Degree Supplementary Examinations March
(November), 2020**

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

(2016 Scheme)

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:

(2x15=30)

1. Explain the indications, contraindications, precautions and management strategies in the second phase of cardiac rehabilitation. (3+3+9)
2. Discuss the physiotherapy assessment and management of a 35-year old female with head injury under mechanical ventilation. Add a note on the precautions to be observed. (3+9+3)

Short notes

(4x10=40)

3. Discuss the methods of teaching effective coughing techniques.
4. Explain the indications, contraindications and technique of incentive spirometry. (2+2+6)
5. Describe the physiotherapy management of a 56-year old female with emphysema.
6. Discuss the commonly used medications in nebulization.

Answer briefly:

(10x3=30)

7. Technique and use of chest shaking
8. Definition and uses of humidification
9. Mention the types of nebulizers
10. Define manual hyperinflation
11. Points of auscultation of heart sounds
12. Definition and uses of Continuous positive airway pressure
13. Flutter valve
14. Mention any six criteria for stopping exercise tolerance test
15. Mention the ECG changes in myocardial infarction
16. List the types of percussion resonance and their interpretations
