

Third Year BPT Degree Supplementary Examinations July 2022**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. Discuss the indications, contraindications and management strategies of a comprehensive pulmonary rehabilitation program. (3+3+9)
2. Discuss the comprehensive assessment and management of 58-year old lady who had undergone a coronary artery bypass grafting surgery following an acute myocardial infarction. (6+9)

Short notes (4x10=40)

3. Explain the indications, contraindications and technique of autogenic drainage. (2+2+6)
4. Discuss the physiotherapy management strategies in restrictive lung disorders.
5. Describe the indications, contraindications, and technique of tracheal suctioning. (2+2+6)
6. Discuss the techniques of breathing exercise to increase thoracic expansion.

Answer briefly: (10x3=30)

7. Technique and use of chest vibrations
8. List the types of humidifiers
9. Definition and use of huffing
10. List the adventitious lung sounds
11. Definition and uses of Bilevel positive airway pressure
12. Uses of positive end expiratory pressure
13. Angina
14. Modifications of chest clapping techniques in children
15. Mention the X-ray changes in atelectasis
16. Mention the FEV1/FVC changes seen in restrictive and obstructive lung diseases