

## 2012 Scheme

QP CODE: 414014

Reg. No.....

### **Fourth Year BPT Degree Supplementary Examinations February 2020**

### **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. A 48-year-old man has suffered an attack of myocardial infarct. He has been suggested conservative management. Plan a cardiac rehabilitation program for him.
2. A 29-year-old man has developed pleural effusion on the right side. An intercostal drainage tube has been introduced. Outline the physical therapy management for this patient.

**Short essays:****(4x8=32)**

3. The pulmonary function tests and its application.
4. Discuss the indications, procedure and limitations of postural drainage.
5. What is a humidifier. Discuss the different types of humidifiers.
6. Discuss the arterial blood gas studies and give the range of its normal values.

**Answer briefly:****(10x4=40)**

7. What is mediate percussion. Add a note on different chest percussion sounds.
8. Describe the stages of clubbing.
9. Define orthopnoea. Mention any two causes for the same.
10. Steps in active cycle of breathing technique.
11. Mention four precautions while performing airway suctioning.
12. Indications for incentive spirometry. Add a note on collateral ventilation.
13. Mention any four techniques of PNF respiration.
14. Mention the types of artificial airways.
15. Mention any four breathing exercises. Give the importance of diaphragmatic breathing.
16. Mention any four techniques of assessment of body composition.

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