

2012 Scheme

QP CODE: 414014

Reg. No.....

Fourth Year BPT Degree Special Supplementary Examinations

January 2022

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. Give a detailed description of the cardiac rehabilitation program for a 58-year-old patient who has undergone CABG.
2. Give any two points of differentiation between obstructive and restrictive lung disorders. Explain the clinical features and physiotherapy management of any one obstructive condition.

Short essays:

(4x8=32)

3. Discuss the steps involved in active cycle of breathing technique. Mention the advantages of active cycle of breathing technique over other bronchial clearance techniques.
4. Explain the oxygen delivery system in patient care.
5. Explain the physiotherapy management for a patient who has undergone left sided pneumonectomy.
6. Enumerate the principles of exercise prescription for hypertensive patients.

Answer briefly:

(10x4=40)

7. Definition and types of cyanosis.
8. Paradoxical breathing- definition and causes.
9. Auscultatory breath sounds- types and characteristics.
10. Define intermittent claudication. Name any two peripheral vascular diseases.
11. Steps in autogenic drainage.
12. Indications of mechanical ventilation. Mention any two modes of ventilation.
13. Mention four precautions while performing airway suctioning.
14. Incentive spirometry- indications and instructions for patients.
15. Mention four precautions to avoid deep vein thrombosis.
16. Mention four criteria to terminate treadmill test.
