

2012 Scheme

QP CODE: 414014

Reg. No.....

Fourth Year BPT Degree Supplementary Examinations July 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. Describe the steps of physiotherapy management of ARDS (Acute respiratory distress syndrome) in ICU (Intensive care unit).
2. A patient with 60 years old male has complaints of intermittent claudication. Explain the protocols to relieve the symptoms and improve the walking capacity in peripheral arterial disease.

Short essays: (4x8=32)

3. Explain the physiotherapy protocol after pneumonectomy.
4. Describe the exercise prescription for 55 years old female with emphysema.
5. Explain the exercise prescription for diabetic individuals.
6. Explain postnatal physiotherapy.

Answer briefly: (10x4=40)

7. Types of oxygen therapy.
8. Explain the uses of pulmonary function test.
9. Principles of incentive spirometry.
10. Steps of huffing.
11. Interpretation of Arterial Blood Gas analysis (ABG).
12. Neurophysiological facilitation techniques to improve ventilation.
13. Methods to reduce lymph oedema in lower limb lymphatic conditions.
14. Energy conservation techniques.
15. Types of mechanical ventilator.
16. Home program add education of family members in cardiac patient care.
