



[LM 133]

MAY 2018

Sub. Code: 8133

MPT DEGREE EXAMINATION

SECOND YEAR

SPECIALITY PAPER II – PHYSIOTHERAPY INTERVENTIONS

BRANCH III – PHYSIOTHERAPY IN CARDIO RESPIRATORY

Q.P. Code : 278133

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail about the principles of an aerobic training program and nutritional requirements for a 45 year old male COPD patient who is undergoing outpatient pulmonary Rehabilitation.
2. Explain the various body positions and its effects on ventilation and perfusion relationship in treating a pulmonary patient.

II. Write notes on:

(10 x 6 = 60)

1. Forced expiratory techniques.
2. Postural drainage vs autogenic drainage.
3. Venturi.
4. PNF techniques for chest mobility.
5. Exercise induced Asthma and its management.
6. Oxygen toxicity.
7. Non invasive ventilation.
8. Detrimental and beneficial effects of manual hyperinflation.
9. High flow oxygen therapy devices.
10. Difficult air way intubation.

