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Q.P.Code: 202378 **Reg. No.:.....**

Second Year MPT Degree Examinations - November 2015

Physiotherapy in Cardiorespiratory

Time : 3 hrs **Max marks : 100**

- **Answer all questions**

Essays: **(2×20=40)**

1. A 55 years old male presents to the emergency ward complaining of increased yellow green sputum production for one week. He is alert and oriented. He has a 60 pack-year smoking history. Vital signs are: blood pressure 165/90 mmHg, pulse rate 120/minute, respiratory rate 25/minute, temperature 100.5F oral, arterial blood gases on room air pH 7.28, PaCo2 - 70mmHg, PaO2 - 35 mmHg, HCo3 – 36 mmHg,SpO2-66%. (10+10=20)

2. A 57 years old male diagnosed with PVD referred for physiotherapy with the chief complaints of trophic changes and lower extremity pain. How will you differentially diagnose arterial/venous disorder. Explain the advanced physiotherapy technique used to treat arterial disorder. (10+10=20)

Short essays: **(6x10=60)**

3. Recent advances in the management of sleep apnoea.
4. Discuss the recent trends in inspiratory muscle training.
5. Discuss the importance of chest X-ray in physical therapy practice.
6. Explain different methods to improve quality of life in chronic obstructive pulmonary disease (COPD) patients.
7. Compare and contrast postural drainage and autogenic drainage.
8. Explain about Neonatal cardiac problems and its physiotherapy management.

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