FirstRanker.com
Firstranker's choice
www.FirstRanker.com www.FirstRanker.com

Q.P.Code: 202378 **Reg. No.:……**

Second Year MPT Degree Examinations - October 2016

Physiotherapy in Cardiorespiratory

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

- **Answer all questions**

Essays: **(2×20=40)**

1. Mr. X 72 years old man newly diagnosed with anterio-lateral myocardial infarct and admitted at hospital. His body mass index (BMI) is 39 and he has a medical history of diabetes, hyperlipidaemia and hypertension. His family has a history of coronary artery disease. List risk factors for myocardial infarction for Mr. X and explain ECG changes seen for anterio-lateral myocardial infarct. List contra- indications against low level exercise testing and describe an appropriate exercise programme for Mr. X which can be done week after discharge. (10+10=20)
2. Mr. R who was chronic bronchitis is admitted for an episode of acute exacerbation. He complains of shortness of breath with a resting respiratory rate of 35bpm and signs of increased work of breathing. On auscultation wide spread crackles are heard. He also complains of thick purulent sputum which is difficult to expectorate due to his weak cough. Prioritize Mr. R's problem and explain the treatment goals for Mr. R. Explain your physiotherapy treatment for Mr. R. (10+10=20)

www.FirstRanker.com

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

3. Explain the importance of electrocardiogram (ECG) in physiotherapy practice.
4. Explain the concept and set – up of a tertiary care intensive care unit (ICU).
5. Discuss the basic principles of exercise prescription and training.
6. Discuss the methodology of exercise ECG testing.
7. Discuss the management of dyspnea with evidence.
8. Explain the importance of arterial blood gas (ABG) analysis in ICU patients.

****

www.FirstRanker.com