FirstRanker.com
Firstranker's choice

QP CODE:404014 **Reg.No.....**

Fourth Year BPT Degree Examinations, September 2015

Physiotherapy in Cardio Respiratory and Intensive Care Management

Time : 3 Hours **Total Marks:100**

- **Answer all questions**

Essays: **(2x14=28)**

1. A 38 years old female with multi organ dysfunction is admitted in the critical care unit and is mechanically ventilated with following settings. Mode: SIMV, PEEP: 5 cm H_2O, TV: 500ml. Discuss the various physiotherapy techniques which helps to clear lung secretions. Add a note on ventilator associated complications.
2. Define pulmonary atelectatsis. Mention the types and causes. Add a note on role of physiotherapy in the management of post operative pulmonary atelectasis.

Short essays: **(4x8=32)**

3. Explain the physiotherapy techniques in reducing breathlessness.
4. Plan an exercise prescription for a 58 years old female with obesity.
5. Types of thoracic incisions. Add a note on complications following thoracic surgeries
6. Discuss the various methods of body composition assessment

Answer briefly: **(10x4=40)**

7. Mention any two characteristics of normal ECG wave form
8. Endotracheal suctioning
9. Explain the modifications done for chest physiotherapy in neonates
10. Types of venturi mask. Mention any two indications and associated complications.
11. ARDS
12. Crackles versus ronchi
13. Paradoxical breathing
14. Define percussion and vibration. Mention its uses.
15. Name the sub maximal exercise tolerance test. Mention any two indications and contraindications
16. Ventilation perfusion ratio

****

www.FirstRanker.com