



**LONG ESSAY**

**2 X 20 = 40 Marks**

1. What are the principles of physiotherapy practice in the ICU? Discuss physiotherapy in intensive care with emphasis on assessment, monitoring, handling and techniques
2. Discuss the recent advances in the use of pulmonary rehabilitation in oncology patients

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Describe the significance of knowing the anatomical and physiological differences between adult and pediatric cardiopulmonary system by a physiotherapist handling infants
4. What are the manifestations of IHD? Briefly describe cardiac rehabilitation emphasizing the goals, team, role of physiotherapist and rationale for cardiac rehabilitation
5. What is hypertension? What are the preliminaries in prescribing exercise training for hypertensive patients? Describe queens step test to calculate and plan out an exercise programme for a 35 year old hypertensive male
6. Briefly explain cardiopulmonary resuscitation
7. How do physiotherapy skills of positioning and mobilization helps in managing patients with cardiopulmonary dysfunction
8. What problems do you see and changes will you recommend to provide proper home environment for a wheel chair bound patient with tracheostomy, who requires mechanical ventilation, discharged to the home care setting

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