

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**Second Year Master of Physiotherapy Degree Examination – 29-Nov-2023**

**[Time: 3 Hours]**

**[Max. Marks: 100]**

**Physiotherapy Interventions in Cardio-Vascular and Pulmonary Sciences**  
**Paper-IV (RS-4)**  
**Q.P. CODE: 8138**

Your answers should be specific to the questions asked.  
Draw neat, labeled diagrams wherever necessary.

**Answer All The Questions**

**10 X 10 = 100 Marks**

1. Enlist the steps of CPR in an adult cardiac arrest victim. Mention the differences in the techniques of CPR performed on Child and Infant cardiac arrest victim.
2. Explain the principles and techniques of postural drainage in infants.
3. Discuss coughing and huffing techniques. Explain their indications and contraindications.
4. Recent advances in the management of breathlessness.
5. Describe the use of pharmacotherapeutics and its relevance in an individual undergoing PFT testing.
6. What are the risk factors in cardiovascular diseases? Discuss risk factor modification.
7. Describe the role of physiotherapy in Palliative Care. Add a note on various criteria for palliative care.
8. Explain the importance of positioning to improve lung volumes.
9. What is energy conservation? Enumerate briefly the principles of energy conservation. Describe the various strategies to conserve energy in daily activities.
10. Explain the role of nutrition and weight control in healthy lifestyle.

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