

Rajiv Gandhi University of Health Sciences, Karnataka
Second Year Master of Physiotherapy Degree Examination – 27-Nov-2024

[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. Explain open heart surgeries. Write a note on the indications and complications post open-heart surgery.
2. Explain the principles of bronchial hygiene therapy and techniques in neonate.
3. Enumerate Neurophysiological facilitation of respiration, and explain 3 techniques.
4. Explain the physiological basis of Incentive Spirometry. What are the indications, contraindications, hazards and complications? Add a note on the equipment used.
5. What is Hydration, Humidification and Nebulization? Classify types of humidifiers and add a note on the indications, complications and methods of humidification.
6. Discuss the clinical practice guidelines for oxygen therapy. Add a note on oxygen toxicity.
7. Describe the exercise prescription for hypertension and detail the exercise training considerations.
8. Describe the common sites for ulcers in patients with desensitized skin and techniques for prevention of ulcers.
9. Describe the elements of international standards for a cardiac rehabilitation program.
10. Describe the use of pharmacotherapeutics and its relevance in an individual undergoing PFT testing.

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