# Rajiv Gandhi University of Health Sciences, Karnataka

**Second Year Master of Physiotherapy Degree Examination – 29-Oct-2026**

**[Time: 3 Hours]** **[Max. Marks: 100]**

## Physical Assessment and Functional Diagnosis of Cardiovascular and Pulmonary Sciences - Paper-III (RS-4)

## Q.P. CODE: 8137

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. Describe the systematic approach to analyze chest x-rays.

2. What are the aims of Respiratory function test? What are the different measurements used in RFT's and their working definitions? Describe briefly the methods of measuring airway obstruction, lung volumes and respiratory muscle function.

3. Describe the process of POMR.

4. What are heart sounds? Describe the auscultation and surface landmarks of heart sounds. Add a note on abnormal heart sounds.

5. What is renal dysfunction? List out the hematological and biochemical values measured and their specific interpretations in renal dysfunction.

6. Describe the protocol for ETT. Add a note on the indications, precautions, interpretations and safety measures.

7. Discuss the components in screening and assessment of cancer of Head and Neck.

8. Explain subjective assessment of pain adding a note on the different types of pain sensations.

9. Define physical activity; write a note on its importance in health and disease.

10. Describe the mediastinal silhouettes and its significance in the interpretation of chest radiographs.

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