# Rajiv Gandhi University of Health Sciences, Karnataka

## III Year B.P.T. Degree Examination - 04-Nov-2026

**Time: Three Hours** **Max. Marks: 100 Marks**

## CARDIO RESPIRATORY AND GENERAL PHYSIOTHERAPY (RS5)
## Q.P. CODE: 2746

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

**LONG ESSAYS (Second Question choice)** **2 x 10 = 20 Marks**

1. Enlist the complications of open heart surgery and elaborate the physiotherapy rehabilitation program following open heart surgery.

2. A 55 years old male posted for bronchiectasis. He is known smoker for the past 29 years. Write in detail assessment and explain the role of physiotherapy in managing this patient.

   **Or**

   Define suctioning. Explain the types, modes, complications and hazards of suctioning.

**SHORT ESSAYS (Question No.3 & 12 choice)** **10 x 5 = 50 Marks**

3. Explain the principles of Exercise prescription for diabetes patient.

   **Or**

   Explain the role of physiotherapy in burns rehabilitation.

4. Explain the role of physiotherapy in management hypergranulated scars.
5. Explain the training of patient with lower limb prosthesis following below knee amputation.
6. Write a note on manual hyperinflation technique.
7. Explain the pre and post operative management following cholecystectomy.
8. Write in detail about ABG analysis.
9. Write about the physiotherapy techniques to increase lung volume.
10. Explain PT management of infected wounds ulcers.
11. Explain the physiotherapy interventions for a case of medical oncology.
12. Explain the home program and education of family members in patient care.

    **Or**

    Compare and contrast obstructive and restrictive lung disease.

**SHORT ANSWERS** **10 x 3 = 30 Marks**

13. MRC scale of Dysponea.
14. Types of atelectasis.
15. What is intermittent claudication, mention its cause.
16. Mention the factors affecting exercise performance.
17. What are the modifications of chest physiotherapy for neonatal disorders?
18. Mention the drugs to treat bronchospasm.
19. Define flail chest.
20. What is Diastasis recti and its grades?
21. What is Mvo2?
22. Grades of pressure sores.

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