

**THE TAMIL NADU Dr.M.G.R. MEDICAL UNIVERSITY**

**[BPT 0122]**

**JANUARY 2022  
(AUGUST 2021 EXAM SESSION)**

**Sub. Code: 6262**

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE  
THIRD YEAR  
PAPER IV - P.T. IN CARDIO-RESPIRATORY CONDITIONS  
*Q.P. Code: 746262***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Describe in detail about pulmonary rehabilitation.
2. Discuss the role of physiotherapy in peripheral vascular diseases.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Active cycle of breathing.
2. Sputum examination.
3. Types of ventilator.
4. Lung volumes and capacities.
5. Physiotherapy management for post – operative mitral valve replacement.
6. Contra indication for postural drainage.
7. Kyphosis.
8. Hypertension.

**III. Short answers on:**

**(10 x 2 = 20)**

1. KARVONEN'S formula.
2. Dead space.
3. Define ECG.
4. Complication of thoracic surgery.
5. Paradoxical breathing.
6. ABG analysis.
7. Haemoptysis.
8. Eisenmenger syndrome.
9. Broncho – pleural fistula.
10. Blue bloater.

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