

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

**[BPT 0122]**

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

**Sub. Code: 6289**

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE  
FOURTH YEAR- (Regulation from 2017-2018 onwards)  
PAPER III – P.T. IN CARDIO-RESPIRATORY CONDITIONS  
*Q.P. Code : 746289***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Write in detail about Cardio Vascular Stress Test. How is it useful in cardiopulmonary rehabilitation.
2. Write in detail about general cardiopulmonary assessment and PT management for a 45 year old chronic smoker posted for Segmentectomy.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Oxygen therapy.
2. Chest physiotherapy.
3. Active Cycle of Breathing Technique.
4. Bronchial Hygiene.
5. Glosso Pharyngeal breathing.
6. ADL assessment for rehabilitation.
7. Manual hyperinflation.
8. Assessment of Breathing pattern.
9. Puffer.
10. Rate of perceived exertion.

**III. Short answer on:**

**(10 x 2 = 20)**

1. Directly observed Therapy Short course (DOTS).
2. Postural drainage.
3. Cystic Fibrosis.
4. QRS complex in ECG.
5. Respiratory Alkalosis.
6. Six Minute walk test.
7. Chylothorax.
8. Heart lung machine.
9. Grunting.
10. Chyene Stoke Breathing.

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

**[BPT 0622]**

**JUNE 2022**

**Sub. Code: 6289**

**(FEBRUARY 2022 EXAM SESSION)**

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE  
FOURTH YEAR- (Regulation from 2017-2018 onwards)  
PAPER III – P.T. IN CARDIO-RESPIRATORY CONDITIONS  
*Q.P. Code : 746289***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss in detail about cardiac rehabilitation.
2. Discuss in detail about pre and post – operative management for right pneumonectomy.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Pulmonary function test.
2. Relaxation position for breathlessness.
3. Nebulisers.
4. Exercise tolerance test.
5. Atelectasis.
6. Edema and its management.
7. Chest mobility exercise.
8. Hazards and mode of entry of suction.
9. Basal expansion breathing exercise.
10. Mastectomy – physiotherapy.

**III. Short answer on:**

**(10 x 2 = 20)**

1. Resting respiratory level.
2. Difference between huff and cough.
3. Cyanosis.
4. Chyne Stoke breathing.
5. CABG.
6. Decortication.
7. Broncho pleural fistula.
8. SIMV.
9. Eisenmenger syndrome.
10. Vital capacity.

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

**[BPT 1022]**

**OCTOBER 2022  
(AUGUST 2022 EXAM SESSION)**

**Sub. Code: 6289**

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE  
FOURTH YEAR- (Regulation from 2017-2018 onwards)  
PAPER III – P.T. IN CARDIO-RESPIRATORY CONDITIONS  
*Q.P. Code : 746289***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the role of Physiotherapist in Paediatric Intensive Care Unit.
2. Discuss in detail about Post-operative Physiotherapy Management for Left Pneumonectomy.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Heat and Moist Exchangers.
2. Pulmonary Rehabilitation.
3. Circuit training in Cardiac Rehabilitation.
4. Six Minute Walk Distance test.
5. Synchronized Intermittent Mandatory Ventilation.
6. Normal and Abnormal Breath Sounds.
7. Thoracic Mobility Exercises.
8. Huffing and Coughing techniques.
9. Wound-Splinting technique.
10. Bronchodilator therapy in Asthmatics.

**III. Short answer on:**

**(10 x 2 = 20)**

1. Clubbing.
2. METS.
3. Ejection Fraction.
4. Cardiac Tamponade.
5. Spacer.
6. V/Q ratio.
7. Risk factors of Coronary Artery Disease.
8. Dead Space.
9. Murmur.
10. Complications of Suctioning.

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