

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

[LR 1220]

**DECEMBER 2020
(AUGUST 2020 EXAM SESSION)**

Sub. Code: 6286

BPT DEGREE EXAMINATION

THIRD YEAR

(New regulations for the candidates admitted from 2017-2018 onwards)

PAPER VI – CLINICAL CARDIO-RESPIRATORY DISEASES

Q.P. Code : 746286

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss in detail the Etiology, pathogenesis, clinical features, investigations and management of Chronic bronchitis. Add a note on its complications.
2. Explain in detail the etiology, pathology, clinical features, diagnosis, medical and surgical management of myocardial infarction.

II. Write notes on:

(10 x 5 = 50)

1. Postural drainage.
2. Pulmonary function test.
3. Infection Endocarditis.
4. Lung compliance.
5. Tetralogy of fallot.
6. Angina pectoris.
7. Hypertension and its management.
8. Decortications.
9. Cardiac arrest.
10. Broncho pleural fistula.

III. Short answer on:

(10 x 2 = 20)

1. Aspiration pneumonia.
2. Suctioning.
3. Cough reflex.
4. Pulses alternans.
5. Anoxia.
6. Syncope.
7. Patent ductus arteriosus.
8. Clubbing.
9. Respiratory alkalosis.
10. Basic life support.

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

[BPT 0921]

**SEPTEMBER 2021
(FEBRUARY 2021 EXAM SESSION)**

Sub. Code: 6286

**BPT DEGREE EXAMINATION
THIRD YEAR
(Regulations for the candidates admitted from 2017-2018 onwards)
PAPER VI – CLINICAL CARDIO-RESPIRATORY DISEASES
Q.P. Code : 746286**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on: (2 x 15 = 30)

1. Describe the etiology, pathophysiology of Rheumatic fever and management.
2. Pulmonary Function test and preoperative assessment for a patient for thoracotomy.

II. Write notes on: (10 x 5 = 50)

1. Bronchopulmonary segment and respiratory unit.
2. Lung function test.
3. Electrical activity of Myocardium.
4. Thoracotomy.
5. Expiratory residual volume.
6. Stress test.
7. Cardiomyopathy.
8. Massive hemoptysis.
9. Post surgical physiotherapy for open heart surgery.
10. Defibrillation.

III. Short answer on: (10 x 2 = 20)

1. Bradycardia.
2. Asbestosis.
3. Causes for pneumothorax.
4. Ventricular fibrillation.
5. Pump handle movement.
6. Incentive spirometry.
7. Cardio pulmonary resuscitation.
8. Residual volume
9. Acyanotic heart disease.
10. Pulse.

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

[BPT 0122]

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

Sub. Code: 6286

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
THIRD YEAR- (Regulation from 2017-2018 onwards)
PAPER VI – CLINICAL CARDIO-RESPIRATORY DISEASES
*Q.P. Code : 746286***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Explain congenital heart disease and write about management of Pulmonary stenosis.
2. Discuss etiology, clinical features, investigations, complications and management of pleural effusion.

II. Write notes on:

(10 x 5 = 50)

1. Pulmonary circulation.
2. Upper respiratory tract.
3. Myocardial infarction.
4. Interstitial lung disease.
5. Chambers of Heart.
6. Valve replacement.
7. Blood gas analysis and its use.
8. Post surgical physiotherapy for closed heart surgery.
9. Coronary artery disease.
10. Cardiac Bypass graft surgery

III. Short answer on:

(10 x 2 = 20)

1. Sino atrial node.
2. Vital capacity.
3. Cardiac massage.
4. Tracheostomy.
5. Pulsus alternans.
6. Anoxia.
7. Spontaneous pneumothorax.
8. Dead space.
9. Chronic obstructive pulmonary disease.
10. Cyanosis.

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

[BPT 0622]

JUNE 2022

Sub. Code: 6286

(FEBRUARY 2022 EXAM SESSION)

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
THIRD YEAR- (Regulation from 2017-2018 onwards)
PAPER VI – CLINICAL CARDIO-RESPIRATORY DISEASES
*Q.P. Code : 746286***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss about etiology, clinical features, complication and management of Aortic stenosis.
2. Discuss clinical features, diagnosis, complications and management of Bronchiectasis.

II. Write notes on:

(10 x 5 = 50)

1. Mechanism of respiration.
2. Cough reflex.
3. Pleural effusion.
4. Blood pressure.
5. Lung abscess.
6. Haemothorax.
7. Pneumonia.
8. Myocarditis.
9. Ventricular septal defect.
10. Post surgical physiotherapy for open heart surgery.

III. Short answer on:

(10 x 2 = 20)

1. Flial chest.
2. Intercostal drainage.
3. Orthostatic hypotension.
4. Complication of Tracheostomy.
5. Pulsus paradoxicus.
6. Coarctation of Aorta.
7. Occupational lung disease.
8. Electro cardio gram (ECG).
9. Lung contusion.
10. Cardiac Tamponade.

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

[BPT 1022]

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

Sub. Code: 6286

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
THIRD YEAR- (Regulation from 2017-2018 onwards)
PAPER VI – CLINICAL CARDIO-RESPIRATORY DISEASES
*Q.P. Code : 746286***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss in detail about the Etiology, clinical features, investigations and management of patients with Infective Endocarditis.
2. Describe the etiology, clinical features and management of Carcinoma Lung.

II. Write notes on:

(10 x 5 = 50)

1. Empyema thoracis.
2. Pectus carinatum.
3. Complications of thoracotomy.
4. Percutaneous transluminous Coronary angiography.
5. Lung compliance.
6. Arterial blood gas analysis.
7. Cough reflex.
8. Hospital acquired pneumonia.
9. Pace makers for heart block.
10. Pneumoconiosis.

III. Short answer on:

(10 x 2 = 20)

1. Pulmonary Function Test.
2. Status Asthmaticus.
3. Respiratory Acidosis.
4. Diastolic Blood Pressure.
5. Deep Vein Thrombosis (DVT).
6. Emphysema.
7. Shunt reversal.
8. Functions of lung surfactant.
9. Cardiac Troponins.
10. Defibrillator.
