

August 2011

[KZ 6261]

Sub. Code : 6261

BACHELOR OF PHYSIOTHERAPY EXAMINATION

THIRD YEAR / SEVENTH SEMESTER

PAPER III – CLINICAL CARDIO RESPIRATORY DISEASES

Q.P. Code : 746261

Time : Three hours

Maximum : 100 marks

ANSWER ALL QUESTIONS

I. LONG ESSAYS

(2X20=40)

1. Briefly describe the blood supply of the heart. Explain in detail the etiology, clinical features, diagnosis, medical and surgical management of myocardial infarction.
2. Define chronic bronchitis and emphysema .Explain in detail the etiology, clinical features, diagnosis, investigations and medical management of chronic obstructive pulmonary disease.

II. SHORT NOTES

(8X5=40)

1. Empyema.
2. Basic life support.
3. Broncho pulmonary segment.
4. Cardiac cycle.
5. Pulmonary tuberculosis: Etiology, diagnosis and management.
6. Major and minor Jones criteria of rheumatic fever.
7. Flial chest: Diagnosis and management.
8. Regulation of blood pressure.

III. SHORT ANSWERS

(10X2=20)

1. Define vital capacity. What is the normal value for 70 kg adult?
2. Components of Tetralogy of Fallot.
3. Draw a normal E.C.G and label the parts.
4. Define bronchiectasis.
5. Name the four common cell types of lung cancer.
6. Define cyanosis.
7. Name four causes of cor-pulmonale.
8. Name an inspiratory and an expiratory muscle of respiration.
9. Name the four valves of the heart.
10. Name two conditions associated with polycythemia.

February 2012

[LA 6261]

Sub. Code: 6261

**BACHELOR OF PHYSIOTHERAPY EXAMINATION
THIRD YEAR / SEVENTH SEMESTER
PAPER III – CLINICAL CARDIO RESPIRATORY DISEASES**

Q.P. Code: 746261

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2X20=40)

1. Discuss in detail about the etiology, clinical features, Diagnosis and management of Bronchial Asthma.
2. Describe in detail about the principle of Cardio Vascular Stress (Treadmill) Test.

II. Write notes on:

(8X5=40)

1. Coronary Circulation of Heart
2. Postural drainage
3. Hospital Acquired pneumonia
4. Hazards of Smoking
5. Median Sternotomy
6. Atrial Septal Defect
7. Clinical features of Mitral Stenosis
8. Pleural effusion

III. Short Answers:

(10X2=20)

1. Clubbing
2. Respiratory Acidosis
3. Sinoatrial (SA) Node
4. Continuous Positive Airway Pressure(CPAP)
5. Asbestosis
6. Six Minute Walk Test
7. Tension Pneumothorax
8. Pectus excavatum
9. PANCOAST Tumor
10. Nebulizer

[LC 6261]

FEBRUARY 2013

Sub. Code: 6261

**THIRD YEAR BPT EXAM / SEVENTH SEMESTER
PAPER III – CLINICAL CARDIO RESPIRATORY DISEASES**

Q.P. Code: 746261

**Time: Three Hours
(180 Min)**

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. What is community acquired pneumonia? Discuss in detail about the etiology, pathogenesis, diagnosis and medical management of severe community acquired pneumonia. Explain the role of physiotherapist in improving the outcome in patients having pneumonia requiring ventilatory assistance.
2. What is angina pectoris? Explain in detail the risk factors, etiology, clinical features, investigation medical and surgical management of a patient with unstable angina.

II. Write notes on:

(8X5=40)

1. Pre and post operative physiotherapy plan for pneumonectomy.
2. Cor-pulmonale: causes, clinical features and diagnosis.
3. Broncho pulmonary segments.
4. Exercise testing: Indications and physiological principles.
5. Cardio pulmonary resuscitation.
6. Atrial Septal Defect (ASD).
7. Directly Observed Therapy Short course (DOTS).
8. Regulation of blood pressure.

III. Short Answers:

(10X2=20)

1. Draw a normal ECG tracing and label the parts.
2. Name the staining technique used to identify tuberculous bacilli.
3. Name four cyanotic congenital heart diseases.
4. Define chronic bronchitis.
5. Draw the conduction system of the heart and label the parts.
6. Define tidal volume.
7. What is flail chest?
8. Mention two occupational lung diseases with the causative factor.
9. Define cardiac output.
10. How do we treat empyema?

[LD 6261]

AUGUST 2013

Sub. Code: 6261

**THIRD YEAR/SEVENTH SEMESTER BPT EXAM
PAPER III - CLINICAL CARDIO RESPIRATORY DISEASES**

Q.P. Code : 746261

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Discuss in detail about the definition, etiology, pathogenesis, clinical features, investigations, complications and medical management of Chronic Bronchitis
2. Discuss in detail about the etiology, pathogenesis, clinical features, complications, investigations and medical management of Tetralogy of Fallot.

II. Write Notes on:

(8X5=40)

1. Thoracotomy
2. Sneeze reflex
3. Patent Ductus arteriosus
4. Coal worker's Pneumoconiosis
5. Lung Abscess
6. Pneumothorax
7. Pleural effusion
8. Infective Endocarditis

III. Short Answers:

(10X2=20)

1. Trachea
2. Residual Volume
3. Anatomical Dead space
4. Cheyne-Stokes respiration
5. Pyothorax
6. Levine sign
7. Dressler's Syndrome
8. Blue-Bloaters
9. Conducting zone
10. Modifiable risk factors for Myocardial Infarction

[LE 6261]

FEBRUARY 2014

Sub. Code: 6261

THIRD YEAR/SEVENTH SEMESTER BPT EXAM
PAPER III - CLINICAL CARDIO RESPIRATORY DISEASES

Q.P. Code : 746261

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Describe Post Operative pulmonary complications. How does the pulmonary function change Post Operatively.
2. Define Bronchiectasis. Discuss in detail about the etiology, pathogenesis, clinical features and management of Bronchiectasis.

II. Write Notes on:

(8X5=40)

1. Surgical treatment for Atrial Septal Defect.
2. Types of artificial valves
3. Heart lung machine
4. Flail chest
5. Deep vein thrombosis
6. Cardiac Tamponade
7. Homan's sign
8. Basic life support

III. Short Answer:

(10X2=20)

1. Coarctation of Aorta
2. Postero lateral thoracotomy
3. Complications of tracheostomy
4. Lung Compliance
5. Indications for Closed Heart surgery
6. Patent ductus arteriosus
7. Postero lateral thoracotomy
8. Dead space
9. Massive Haemoptysis
10. Defibrillator

[LF 6261]

AUGUST 2014

Sub. Code: 6261

**THIRD YEAR/SEVENTH SEMESTER BPT EXAM
PAPER III - CLINICAL CARDIO RESPIRATORY DISEASES**

Q.P. Code : 746261

Time: Three hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Describe the etiology and pathogenesis of adult respiratory distress syndrome. Discuss in detail the management of adult respiratory distress syndrome and list their complications.
2. Briefly outline the Pathogenesis of Bronchial Asthma. Discuss in detail the Management of acute Bronchial Asthma.

II. Write Notes on:

(8X5=40)

1. Hospital acquired pneumonia
2. Pace makers for heart block
3. Pneumoconiosis
4. Empyema thoracis
5. Pectus carinatum
6. Complications of thoracotomy
7. Percutaneous transluminous Coronary angiography
8. Lung compliance

III. Short Answer:

(10X2=20)

1. Intermittent Positive Pressure Breathing
2. Status Asthmaticus
3. Surfactant
4. Fracture rib
5. Pulsus Alternans
6. Weaning from ventilatory support
7. Cyanosis
8. Complications of Tracheostomy
9. Postural drainage
10. Indications for tracheal intubation

[LG 6261]

FEBRUARY 2015

Sub. Code: 6261

**THIRD YEAR/SEVENTH SEMESTER BPT EXAM
PAPER III - CLINICAL CARDIO RESPIRATORY DISEASES**

Q.P. Code : 746261

Time: Three hours

Maximum: 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail the Etiology, pathogenesis, clinical features, investigations and management of Chronic bronchitis. Add a note on its complications.
2. What is Angina? Discuss in detail about the Etiology, risk factors, clinical features, diagnosis, medical and surgical management of patients with Angina Pectoris.

II. Write notes on:

(8 x 5 = 40)

1. Aspergillosis
2. Rib fracture
3. Cardiac tamponade
4. Mitral stenosis
5. Clinical features and management of Rheumatic fever
6. Pulmonary function test
7. VSD
8. Coronary circulation

III. Short answers on:

(10 x 2 = 20)

1. Name two occupational lung diseases
2. Types of murmur
3. Causes of lung carcinoma
4. Name the acyanotic heart diseases
5. Cobb's angle
6. Eisenmengers Syndrome
7. Draw a normal ECG and Label its parts
8. Define cardiac output
9. Aspiration Pneumonia
10. Dead Space

[LH 6261]

AUGUST 2015

Sub. Code: 6261

**THIRD YEAR/SEVENTH SEMESTER BPT EXAM
PAPER III - CLINICAL CARDIO - RESPIRATORY DISEASES**

Q.P. Code : 746261

Time: Three hours

Maximum: 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Define suction. Discuss in detail the various types of suction and steps involved in it. Add a note on the indications and complications of suction.
2. Discuss in detail about the Etiology, clinical features, investigations and management of patients with Infective endocarditis.

II. Write notes on:

(8 x 5 = 40)

1. Heart lung Machine.
2. Management of Bronchial asthma.
3. Pneumothorax and its types.
4. Graded exercise tolerance test.
5. Broncho pleural fistula.
6. Lung volumes and capacities.
7. Posterolateral thoracotomy.
8. Hypertension and its management.

III. Short answers on:

(10 x 2 = 20)

1. Pacemaker.
2. Broncho pulmonary segments.
3. Commissurotomy.
4. Patent ductus arteriosus.
5. Paradoxical breathing.
6. Cobb's angle.
7. Causes of IHD.
8. Name the chest wall deformities.
9. Types of angina.
10. Normal JVP.

[LI 6261]

FEBRUARY 2016

Sub. Code: 6261

**THIRD YEAR/SEVENTH SEMESTER BPT EXAM
PAPER III - CLINICAL CARDIO - RESPIRATORY DISEASES**

Q.P. Code : 746261

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the etiology, clinical features and management of Carcinoma Lung.
2. List the conditions requiring Open Heart Surgery. Briefly describe the types, clinical features and management of Atrial Septal Defect (ASD).

II. Write notes on:

(8 x 5 = 40)

1. Cough reflex.
2. Scoliosis.
3. Normal ECG.
4. Tetralogy of Fallot.
5. Flail chest.
6. Bronchopulmonary segments.
7. CPAP (Continuous Positive Airway Pressure).
8. Decortication.

III. Short answers on:

(10 x 2 = 20)

1. Stroke volume.
2. Vital capacity.
3. Pulse pressure.
4. Pigeon chest.
5. Suppurative Lung diseases.
6. List four Cyanotic Congenital Heart diseases.
7. Risk factors for Ischaemic Heart disease.
8. Valves of the Heart.
9. Suctioning.
10. Four clinical features of Mitral Stenosis.

[LJ 6261]

AUGUST 2016

Sub. Code: 6261

**THIRD YEAR/SEVENTH SEMESTER BPT EXAM
PAPER III - CLINICAL CARDIO - RESPIRATORY DISEASES**

Q.P. Code: 746261

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the clinical features, types, complication, diagnosis and management of Pneumothorax.
2. Discuss in detail about the etiology, clinical features, investigations, complications and management of Hypertension.

II. Write notes on:

(8 x 5 = 40)

1. Myocarditis
2. Aspergillosis
3. Lung abscess
4. Cardio Pulmonary Resuscitation
5. Chronic Bronchitis
6. Cardiac Tamponade
7. Mitral Regurgitation
8. Management of Pulmonary T.B

III. Short answers on:

(10 x 2 = 20)

1. Pneumoconiosis.
2. Define Thoracotomy.
3. Bradycardia.
4. Syncope.
5. Dead space.
6. Define Emphysema.
7. Define Patent Ductus Arterious.
8. List four Acynatoic heart diseases.
9. Name four risk factors for Myocardial Infarction.
10. Pectus Carinatum.

[LK 6261]

FEBRUARY 2017

Sub. Code: 6261

**BPT DEGREE EXAMINATION
THIRD YEAR/SEVENTH SEMESTER
PAPER III - CLINICAL CARDIO - RESPIRATORY DISEASES**

Q.P. Code: 746261

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. List the conditions requiring closed Heart surgery. Briefly describe the clinical features, complication and management of Aortic Stenosis.
2. Discuss in detail about the etiology, clinical features, diagnosis and management of Bronchiectasis.

II. Write notes on: **(8 x 5 = 40)**

1. Cardiac arrest.
2. Spiro meter.
3. Conductive system of heart.
4. Fracture rib.
5. Coarctation of aorta.
6. Management of a patient after a Myocardial Infarction.
7. Median sternotomy.
8. Lung function test.

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

1. Arterial blood gas analysis.
2. Define Respiration.
3. Haemothorax.
4. Anoxia.
5. Define Cardiac output.
6. Lung contusion.
7. Pericarditis.
8. Tachypnoea.
9. Name four clinical feature of Rheumatic fever.
10. Pump handle movement.

[LL 6261]

AUGUST 2017

Sub. Code: 6261

**BPT DEGREE EXAMINATION
THIRD YEAR/SEVENTH SEMESTER
PAPER III - CLINICAL CARDIO - RESPIRATORY DISEASES**

Q.P. Code: 746261

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. List the causes and stages of Chronic Obstructive airway diseases. Describe the clinical features and management of Chronic Bronchitis.
2. List the risk factors for Coronary artery disease. Briefly describe the clinical features, and management of acute Myocardial Infarction.

II. Write notes on:

(8 x 5 = 40)

1. Modes of ventilator.
2. Pneumothorax.
3. CPR.
4. Patent Ductus Arteriosus (PDA).
5. Blood pressure.
6. Cardiac stress testing.
7. Lobectomy.
8. Muscles of respiration.

III. Short answers on:

(10 x 2 = 20)

1. Pulmonary embolism.
2. Inspiratory reserve volume.
3. Draw and label a normal ECG tracing.
4. Funnel chest.
5. Blood supply of the heart.
6. List the cyanotic congenital heart diseases.
7. Name four surgical procedures done through Median sternotomy approach.
8. Clubbing.
9. Name four occupational lung diseases.
10. Cardiac index.

[LM 6261]

FEBRUARY 2018

Sub. Code: 6261

**BPT DEGREE EXAMINATION
THIRD YEAR/SEVENTH SEMESTER
PAPER III - CLINICAL CARDIO - RESPIRATORY DISEASES**

Q.P. Code: 746261

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. List the conditions requiring Open Heart Surgery. Briefly describe the types, clinical features and management of Atrial Septal Defect (ASD).
2. Describe the etiology and pathogenesis of adult respiratory distress syndrome. Outline management of adult respiratory distress syndrome and list their complications.

II. Write notes on:

(8 x 5 = 40)

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

III. Short answers on:

(10 x 2 = 20)

1. Postero lateral thoracotomy.
2. Dead space.
3. Massive Haemoptysis.
4. Defibrillator.
5. Intermittent Positive Pressure Breathing.
6. Status Asthmaticus.
7. Surfactant.
8. Fracture rib.
9. Pulsus Alternans.
10. Weaning from ventilatory support.

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

[LN 6261]

AUGUST 2018

Sub. Code: 6261

**BPT DEGREE EXAMINATION
THIRD YEAR/SEVENTH SEMESTER
PAPER III - CLINICAL CARDIO - RESPIRATORY DISEASES**

Q.P. Code: 746261

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Etiology, pathogenesis, clinical features and management of infective endocarditis.
2. Bronchiectasis-etiology, pathology, clinical features and management.

II. Write notes on:

(8 x 5 = 40)

1. Atrial septal defect.
2. Indications for coronary artery bypass surgery.
3. Name the chambers and valves of the heart.
4. List out the muscles of respiration.
5. Funnel chest.
6. Components of basic life support.
7. Indications for Percutaneous Transluminal angioplasty (PTA).
8. Indications for intercostals drainage.

III. Short answers on:

(10 x 2 = 20)

1. Indications for decortication.
2. Indications for thoracotomy.
3. List out the drugs used for Myocardial Infarction.
4. Lobes and fissures of right lung.
5. Drugs used for heart failure.
6. Components Tetralogy of Fallot.
7. Indications for lobectomy.
8. Indications for intercostal drainage.
9. Drugs used for treatment of Rheumatic fever.
10. Cyanosis.

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

[LO 6261]

FEBRUARY 2019

Sub. Code: 6261

**BPT DEGREE EXAMINATION
THIRD YEAR/SEVENTH SEMESTER
PAPER III - CLINICAL CARDIO - RESPIRATORY DISEASES**

Q.P. Code: 746261

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the clinical features, types, complication, diagnosis and management of Pneumothorax.
2. Discuss in detail about the etiology, clinical features, diagnosis and management of Heart failure.

II. Write notes on:

(8 x 5 = 40)

1. Cardiomyopathy.
2. Pleural effusion.
3. Bronchial Asthma.
4. Ventricular septal defect.
5. Factors affecting lung compliance and airway resistance.
6. Blood pressure.
7. Pectus excavatum.
8. Weaning from ventilatory support.

III. Short answers on:

(10 x 2 = 20)

1. Trachea.
2. Clubbing.
3. Define pulse.
4. Name an inspiratory and an expiratory muscle of respiration.
5. List the cardiac conditions required closed heart surgery.
6. Name four complications of lobectomy.
7. List four restrictive lung diseases.
8. Bucket handle movement.
9. MET.
10. Respiratory acidosis.

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

[LP 6261]

AUGUST 2019

Sub. Code: 6261

**BPT DEGREE EXAMINATION
THIRD YEAR/SEVENTH SEMESTER
PAPER III - CLINICAL CARDIO - RESPIRATORY DISEASES**

Q.P. Code: 746261

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. List the risk factors of Coronary artery disease. Briefly describe the etiology, clinical features and management of Ischemia Heart disease.
2. Discuss in detail about the etiology, clinical features, investigation, complication and conservative and surgical management of Pulmonary TB.

II. Write notes on:

(8 x 5 = 40)

1. Lung volumes and capacities.
2. Chronic bronchitis.
3. Transposition of great vessels.
4. Median sternotomy.
5. Conductive system of heart.
6. Lobectomy.
7. Tetralogy of Fallot.
8. Cough reflex.

III. Short answers on:

(10 x 2 = 20)

1. Define Angioplasty.
2. Name four Post operative complication.
3. Contraindications for Cardiac Stress Test.
4. Name four Risk Factors for Infective endocarditis.
5. Chynestroke breathing.
6. What are the components of Arterial Blood Gas analysis?
7. Name four Indications of Open Heart Surgery.
8. Name four Chronic Obstructive Pulmonary Diseases.
9. Grading for dyspnoea.
10. Name four indication of Lung surgery.

**BPT DEGREE EXAMINATION
THIRD YEAR/SEVENTH SEMESTER
PAPER III - CLINICAL CARDIO - RESPIRATORY DISEASES**

Q.P. Code: 746261

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Suction. Discuss in detail the various types of Suction and steps involved in it. Add a note on the indications and complication of Suction.
2. What is Angina? Discuss in detail about the etiology, risk factors, clinical features, investigation and medical and surgical management for Angina Pectoris.

II. Write notes on:

(8 x 5 = 40)

1. Myocarditis.
2. Aspergillosis.
3. Coarctation of aorta.
4. Emphysema.
5. Cardiac arrest.
6. Pneumonia.
7. Fracture rib.
8. Name the chambers and valves of the heart.

III. Short answers on:

(10 x 2 = 20)

1. Define Cardiac output.
2. Indications for Cardiac Stress Test.
3. Four clinical features of Mitral stenosis.
4. Name the four common cell types of Lung Cancer.
5. Grading for clubbing.
6. Biot's Breathing.
7. Pursed lip breathing.
8. Pyopneumothorax.
9. Define Tachypnoea.
10. Drugs used for heart failure.

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

[LR 1220]

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

Sub. Code: 6261

**THIRD YEAR – (Regulation from 2013-2014)
PAPER III - CLINICAL CARDIO - RESPIRATORY DISEASES
Q.P. Code: 746261**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the etiology, clinical features and management of Bronchiectasis.
2. Explain in detail the etiology, clinical features, diagnosis and management of Rheumatic fever.

II. Write notes on:

(8 x 5 = 40)

1. Cough Reflex.
2. Eypema.
3. Pulmonary Embolism.
4. Lung Abcess.
5. Cardio pulmonary resuscitation.
6. Atrial Septal Defect (ASD).
7. Tuberculosis.
8. Plueral effusion.

III. Short answers on:

(10 x 2 = 20)

1. Draw a normal ECG.
2. Kyphosis.
3. Barrel Chest.
4. Bradycardia.
5. Pulse.
6. Atrial Fibrilation.
7. Pulmonary Oedema.
8. Palpitation.
9. Corpulmonale.
10. Cardiac Myopathy.

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

[BPT 0921]

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

Sub. Code: 6261

**BPT DEGREE EXAMINATION
THIRD YEAR
PAPER III - CLINICAL CARDIO - RESPIRATORY DISEASES
*Q.P. Code: 746261***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the etiology, clinical features and management of carcinoma lung.
2. List the conditions requiring open heart surgery. Briefly describe the clinical features and management of Atrial Septal Defect.

II. Write notes on:

(8 x 5 = 40)

1. Hypertension.
2. Conductive system of heart.
3. Upper respiratory tract.
4. Infective endocarditis.
5. Lung abscess.
6. Cardiac arrest.
7. Occupational lung disease.
8. Pneumothorax.

III. Short answers on:

(10 x 2 = 20)

1. Stroke volume.
2. Pigeon chest.
3. Criteria for rheumatic fever.
4. Clubbing.
5. Pulses Alternans.
6. Weaning from ventilator support.
7. Status asthmaticus.
8. Modifiable risk factors for myocardial Infarction.
9. Indication for tracheal intubation.
10. Pace maker.

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

[BPT 0122]

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

Sub. Code: 6261

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
THIRD YEAR
PAPER III - CLINICAL CARDIO - RESPIRATORY DISEASES
*Q.P. Code: 746261***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe etiology, clinical features, complication and management of Bronchial asthma.
2. Discuss in detail about etiology, clinical features and management of infective endocarditis.

II. Write notes on:

(8 x 5 = 40)

1. Upper respiratory tract.
2. Valves of the heart.
3. Ischaemic heart disease.
4. Angioplasty.
5. Pneumonia.
6. Pulmonary oedema.
7. Cardiac massage.
8. Haemopneumothorax.

III. Short answers on:

(10 x 2 = 20)

1. Coal workers pneumoconiosis.
2. Name cardiac postoperative complication.
3. Indication for Tracheal intubation.
4. Clinical features of Aortic regurgitation.
5. Pulsus paradoxicus.
6. Weaning from ventilator support.
7. Status asthmaticus.
8. Pectusexcavatum.
9. Tachycardia.
10. Heart failure.

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

[BPT 0622]

**JUNE 2022
(FEBRUARY 2022 EXAM SESSION)**

Sub. Code: 6261

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
THIRD YEAR
PAPER III - CLINICAL CARDIO - RESPIRATORY DISEASES
*Q.P. Code: 746261***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the clinical features, diagnosis, complication and management of Aortic stenosis.
2. Discuss in detail about the etiology, clinical features, investigations, complications and medical management of Chronic bronchitis.

II. Write notes on:

(8 x 5 = 40)

1. Muscles of respiration.
2. Coronary circulation.
3. Myocardial infarction.
4. Thoracotomy.
5. Pleural effusion.
6. Valve replacement.
7. Stress testing.
8. Massive hemoptysis.

III. Short answers on:

(10 x 2 = 20)

1. Sino atrial node.
2. Asbestosis.
3. Causes for pneumothorax.
4. Complication of Tracheostomy.
5. Pump handle movement.
6. Incentive spirometry.
7. Cardio pulmonary resuscitation.
8. Residual volume.
9. Ventricular septal defect.
10. Cyanotic heart disease.
