

[LB 6169]

AUGUST 2012

Sub. Code: 6169

FOURTH YEAR / SEVENTH SEMESTER BOT EXAM

**Paper – V CLINICAL CARDIO RESPIRATORY
AND WORK PHYSIOLOGY**

Q.P. Code: 786169

Time: Three Hours

Maximum: 100 marks

(180 Min) Answer ALL questions in the same order.

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

- | | | | |
|--|----|----|----|
| 1. Discuss in detail about the Etiology, Pathogenesis, Clinical features, Investigation and Management of Mitral Stenosis. | 19 | 33 | 20 |
| 2. Define Cardiac Output. Discuss in detail about the factors affecting Cardiac Output. Add a note on effect of exercises on cardio vascular system. | 19 | 33 | 20 |

II. Write Notes on:

- | | | | |
|---|---|---|---|
| 1. Lung defense Mechanism. | 3 | 8 | 5 |
| 2. Hazards of Smoking. | 3 | 8 | 5 |
| 3. Pleural effusion. | 3 | 8 | 5 |
| 4. Constrictive Pericarditis. | 3 | 8 | 5 |
| 5. Coronary Artery Bypass Grafting(CABG). | 3 | 8 | 5 |
| 6. Post – thoracotomy Complications. | 3 | 8 | 5 |
| 7. Pulmonary Embolism. | 3 | 8 | 5 |
| 8. Ventricular Septal Defect(VSD). | 3 | 8 | 5 |

III. Short Answers on:

- | | | | |
|--|---|---|---|
| 1. Surfactant. | 1 | 5 | 2 |
| 2. Pink Buffer and Blue bloater. | 1 | 5 | 2 |
| 3. Patent Ductus Arteriosus. | 1 | 5 | 2 |
| 4. Cor – pulmonale. | 1 | 5 | 2 |
| 5. Whispering pectoriloquy. | 1 | 5 | 2 |
| 6. Nebulizer. | 1 | 5 | 2 |
| 7. Clubbing. | 1 | 5 | 2 |
| 8. Vital Capacity. | 1 | 5 | 2 |
| 9. Positive End Expiratory Pressure(PEEP). | 1 | 5 | 2 |
| 10. Tracheostomy. | 1 | 5 | 2 |

[LC 6169]

FEBRUARY 2013

Sub. Code: 6169

FOURTH YEAR / SEVENTH SEMESTER - BOT EXAM

Paper – V CLINICAL CARDIO RESPIRATORY
AND WORK PHYSIOLOGY

Q.P. Code: 786169

Time: Three Hours
(180 Min)

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Define Blood Pressure. Discuss about the various factors that maintains the Blood Pressure. Add a note on effect of exercise on patient with Hypertension.
2. Enumerate the difference between obstructive and Restrictive Lung Disorder. Discuss in detail about pulmonary function test and its clinical uses.

II. Write Notes on:

(8X5=40)

1. Aortic Stenosis.
2. Fallot Tetralogy.
3. Etiology of Bronchogenic Carcinoma.
4. Coronary Circulation.
5. Coal Worker Pneumoconiosis.
6. Infective Endocarditis.
7. Atelectasis.
8. Cardiac Massage.

III. Short Answers on:

(10X2=20)

1. Electrocardiogram(ECG).
2. Residual Volume.
3. Prinz metal's angina.
4. Postural Drainage.
5. Tension Pneumothorax.
6. Metabolic Equivalent (MET).
7. Echo Cardio Gram.
8. Defibrillator.
9. Aspergillosis.
10. Lung Compliance.

[LD 6169]

AUGUST 2013

Sub. Code : 6169

**FOURTH YEAR/SEVENTH SEMESTER BOT EXAM
CLINICAL CARDIO RESPIRATORY AND WORK PHYSIOLOGY**

Q.P. Code: 786169

Time: Three hours

Maximum : 100 marks

I. Elaborate on: (2x20 = 40)

1. Enumerate the causes of Empyema and its treatment
2. Describe the principles of Cardio-Pulmonary resuscitation.

II. Write Notes on: (8x5 = 40)

1. Electrocardiogram(ECG).
2. Kyphoscoliosis.
3. Flail Chest.
4. Medullary Respiratory Centre.
5. Coronary Artery Disease.
6. Fracture Ribs.
7. Open Heart Surgery.
8. Carcinoma Lung.

III. Short Answers on: (10x2 = 20)

1. Stove in chest.
2. Pigeon chest.
3. Coarctation of Aorta.
4. Pulse Oxymetry.
5. Broncho-Pleural Fistula.
6. Posterolateral Thoracotomy.
7. Post extubation care.
8. Surfactant.
9. Atrial Septal Defect.
10. Mitral Regurgitation.

[LE 6169]

FEBRUARY 2014

Sub. Code : 6169

FOURTH YEAR BOT EXAM

**PAPER V - CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY**

Q.P. Code: 786169

Time: Three hours

Maximum : 100 marks

I. Elaborate on: (2x20 = 40)

1. Define bronchiectasis. Discuss the causes, clinical features, complications and management.
2. Define heart failure. Discuss the causes, clinical features, investigations and treatment.

II. Write Notes on: (8x5 = 40)

1. Contractility of myocardium.
2. Postoperative management of patients after Tracheostomy.
3. Atrial Septal defect.
4. Principles of functions of various ventilators.
5. Bronchopneumonia
6. Management of injury to heart and great vessels.
7. Principles of cardiovascular stress testing.
8. Variations in heart rate during exercise.

III. Short Answers on: (10x2 = 20)

1. Stove in chest.
2. Causes of haemothorax.
3. Definition of COPD
4. Clinical findings in pulmonary stenosis.
5. Uses of defibrillators.
6. Enumerate pulmonary function tests.
7. Functions of respiratory centres
8. Pump handle mechanism.
9. Enumerate factors affecting lung compliance.
10. Clinical findings in Coarctation of aorta.

[LF 6169]

AUGUST 2014

Sub.Code : 6169

**FOURTH YEAR BOT EXAM
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY**

Q.P. Code: 786169

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2x20=40)

1. Describe the etiology, clinical features and management of carcinoma lung.
2. Describe the causes, clinical features, and management of mitral valve stenosis.

II. Write Notes on:

(8x5=40)

1. Cough reflex.
2. Intercostal drainage
3. Normal ECG
4. Tetralogy of Fallot
5. Flail chest
6. Ventilation, perfusion and their inter-relationship
7. CPAP(Continuous Positive airway pressure)
8. Heart failure

III. Short Answers on:

(10x2=20)

1. Stroke volume
2. Vital capacity
3. Effect of exercise on blood pressure
4. Pigeon chest
5. Bucket handle movements
6. List four acyanotic congenital heart diseases
7. Risk factors for Ischaemic Heart disease
8. Valves of the heart
9. Starling's law
10. Name four accessory muscles of respiration

[LG 6169]

FEBRUARY 2015

Sub.Code: 6169

**FOURTH YEAR BOT EXAMINATION
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY**

Q.P. Code: 786169

Time: Three hours

Maximum: 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. List the causes and types of Chronic Obstructive airway diseases. Describe the clinical features, and management of chronic bronchitis.
2. Describe the physiological mechanisms of maintenance of blood pressure. Briefly describe the management of systemic hypertension.

II. Write notes on:

(8 x 5 = 40)

1. Mitral regurgitation
2. Positive end expiratory pressure (PEEP) ventilation
3. Cyanosis
4. Pneumothorax
5. Changes in cardiac output during exercise
6. Cardiac stress testing
7. Lobectomy
8. Regulation of respiration

III. Short answers on:

(10 x 2 = 20)

1. Pulmonary embolism
2. Inspiratory reserve volume
3. Surfactant
4. Funnel chest
5. Blood supply of the lungs
6. List four 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

[LH 6169]

AUGUST 2015

Sub. Code: 6169

B.O.T. DEGREE EXAMINATION

FOURTH YEAR

PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK PHYSIOLOGY

Q.P. Code: 786169

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Describe the pulmonary function tests. Describe briefly the clinical features and management of Bronchial Asthma.
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. Prosthetic heart valves.
2. Coronary circulation.
3. Coal workers lung.
4. Atelectasis.
5. Chronical bronchitis.
6. Major and minor Jones criteria for Rheumatic fever.
7. Bronchopulmonary segments.
8. Basic life support.

III. Short Answers on:

(10 x 2 = 20)

1. ECG changes in Myocardial Infarction.
2. Physiological dead space.
3. Pulse pressure.
4. Muscles of expiration.
5. Suppurative lung diseases.
6. List four acyanotic congenital heart diseases.
7. Paradoxical breathing.
8. Cardiac output.
9. Metabolic Equivalent (MET).
10. Four clinical features of Mitral Stenosis.

[LI 6169]

FEBRUARY 2016

Sub.Code: 6169

**FOURTH YEAR BOT EXAMINATION
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY**

Q.P. Code: 786169

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Enumerate the difference between obstructive and Restrictive Lung Disorders. Discuss in detail about pulmonary function test and its clinical uses.
2. Define Cardiac Failure. Discuss the causes, clinical features, investigations and treatment.

II. Write notes on:

(8 x 5 = 40)

1. Coronary Artery Bypass Grafting (CABG).
2. Pulmonary Embolism.
3. Principles of Cardiovascular stress testing.
4. Cardiac Tamponade.
5. Cardiac Massage.
6. Kyphoscoliosis.
7. Cor-pulmonale: causes, clinical features and diagnosis.
8. Factors affecting lung compliance and airway resistance.

III. Short answers on:

(10 x 2 = 20)

1. Pink Puffer and Blue bloater.
2. Draw the tracing of a normal ECG.
3. Whispering pectoriloquy.
4. Prinz metal's angina.
5. Nebulizer.
6. Tension Pneumothorax.
7. Vital Capacity.
8. Positive End Expiratory Pressure (PEEP).
9. Pulse Oxymetry.
10. Tracheostomy.

[LJ 6169]

AUGUST 2016

Sub. Code: 6169

**FOURTH YEAR BOT EXAMINATION
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY**

Q.P. Code: 786169

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. List the Cyanotic and Acyanotic Congenital Heart diseases. Describe the clinical features and management of Fallots Tetralogy.
2. Describe the etiology, clinical features and management of Empyema. Briefly describe the Intercostal Drainage.

II. Write notes on:

(8 x 5 = 40)

1. Pleural effusion.
2. Ventricular Septal Defect (VSD).
3. Etiology of Bronchogenic Carcinoma.
4. Coal Worker Pneumoconiosis.
5. Percutaneous Transluminous Coronary angiography. (PTCA)
6. Atelectasis.
7. Exercise testing, indications and physiological principles.
8. Angina pectoris.

III. Short answers on:

(10 x 2 = 20)

1. Clinical findings in pulmonary stenosis.
2. Uses of defibrillators.
3. Status Asthmaticus.
4. Respiratory Acidosis.
5. Draw the conduction system of the heart and label the parts.
6. Eisenmengers Syndrome.
7. Ghon's Focus.
8. Cheyne-Stokes respiration.
9. Six Minute Walk Test.
10. Diastolic Blood Pressure.

[LK 6169]

FEBRUARY 2017

Sub.Code: 6169

**BOT DEGREE EXAMINATION
FOURTH YEAR
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY**

Q.P. Code: 786169

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail about the pathophysiology, clinical features, investigation and management of Acute Myocardial Infarction.
2. Define Post Operative Pulmonary complication. How does Pulmonary functions change post operatively? What are the techniques to improve secretion clearance from lower respiratory tract?

II. Write notes on:

(8 x 5 = 40)

1. Constrictive Pericarditis.
2. Aortic Stenosis.
3. Medullary respiratory centre.
4. Bronchopneumonia.
5. Arterial blood gas analysis.
6. Median Sternotomy.
7. Directly Observed Therapy Short course (DOTS).
8. Regulation of blood pressure.

III. Short answers on:

(10 x 2 = 20)

1. Stove in chest.
2. Pyothorax.
3. Residual volume.
4. Clinical findings in Coarctation of aorta.
5. Metabolic Equivalent (MET).
6. Defibrillator.
7. Broncho-Pleural Fistula.
8. Indications for tracheal intubations.
9. Causes of haemothorax.
10. Dead space.

[LL 6169]

AUGUST 2017

Sub.Code: 6169

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2013-2014 onwards)
FOURTH YEAR
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY

Q.P. Code: 786169

Time: Three hours

Maximum: 100 Marks

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

1. Name the muscles of respiration including the accessory muscles and explain the mechanics of respiration.
2. Describe the mechanisms for maintenance of blood pressure.

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

1. Bucket movement of thorax.
2. Pulmonary function tests.
3. Atrial septal defect.
4. Pneumothorax.
5. Inter costal drainage.
6. Coronary circulation.
7. Effect of exercise on renal blood flow.
8. VO_2 max.

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

1. Pigeon chest.
2. Cyanosis.
3. Normal Electrocardiogram (ECG).
4. Kyphosis.
5. Syncope.
6. Chest Physiotherapy.
7. FEV_1 .
8. Pulse oxymeter.
9. Vital capacity.
10. Metabolic Equivalent (MET).

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

[LM 6169]

FEBRUARY 2018

Sub.Code: 6169

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2013-2014 onwards)
FOURTH YEAR
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY

Q.P. Code: 786169

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the clinical features, investigations, diagnosis and management of Chronic Obstructive Pulmonary Disease (COPD).
2. Discuss in detail the principles of Cardio Vascular stress testing.

II. Write notes on:

(8 x 5 = 40)

1. Broncho pulmonary segments.
2. Ventricular Septal Defect (VSD).
3. Hemoptysis.
4. Cough reflex.
5. Patent ductus arteriosus.
6. Effect of exercise on blood pressure.
7. Haemothorax.
8. Ventilators – types and uses.

III. Short answers on:

(10 x 2 = 20)

1. Scoliosis.
2. Funnel chest.
3. Clubbing.
4. Empyema thoracis.
5. Stroke volume.
6. Defibrillator.
7. Atrial fibrillation.
8. Jugular Venous Pulse (JVP).
9. Cardiac index.
10. Lung compliance.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY

Q.P. Code: 786169

Time: Three hours

Maximum: 100 Marks

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

1. Discuss the post operative management of a patient with Pneumonectomy.
2. Discuss the risk factors, clinical features complications and management of Angina Pectoris.

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

1. Conducting system of Heart.
2. Pulmonary tuberculosis.
3. Bronchiectasis.
4. Jone's criteria for Rheumatic fever.
5. Lung Abscess.
6. Bruce protocol.
7. Pulmonary embolism.
8. Breathing exercise.

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

1. Emphysema thorsis.
2. Left lung broncho pulmonary segment.
3. Type II respiratory failure.
4. Forced expiratory volume.
5. 'FITT' principle of exercise prescription.
6. Positive pressure ventilator.
7. 'Q' wave in ECG.
8. Dyspnea.
9. Median sternotomy.
10. Contra indicator for postural drainage.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY

Q.P. Code: 786169

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the indications, maintenance, complications and weaning methods of Mechanical Ventilator therapy. Compare the normal and ventilating breathing.
2. Define the term 'Myocardial Infarction'. What are the risk factors for the development of myocardial infarction? Describe the clinical features, management and complications of myocardial infarction.

II. Write notes on:

(8 x 5 = 40)

1. Normal ECG wave pattern.
2. Cough reflex.
3. Respiratory Centers.
4. Tracheostomy.
5. Postural drainage.
6. Bicycle Ergometer.
7. Renal blood flow.
8. Pulmonary embolism.

III. Short answers on:

(10 x 2 = 20)

1. Cyanosis.
2. Hemoptysis.
3. Tetralogy of Fallot's.
4. Paradoxical breathing.
5. Shaking.
6. Pan acinar emphysema.
7. Orthopnea.
8. Pyothorax.
9. Type I respiratory failure.
10. Barrel chest.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY

Q.P. Code: 786169

Time: Three hours

Maximum: 100 Marks

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

1. What is Cardiopulmonary Resuscitation? What are the principles on which CPR is based? Describe in detail techniques of cardiac massage, artificial respiration and airway management in an emergency setting. How can defibrillation be used in this situation?
2. Name some congenital heart diseases. What are the risk factors for congenital heart disease? Describe in detail the clinical features, diagnosis and management of Tetralogy of Fallot and Ventricular Septal Defect.

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

1. ST segment in ECG.
2. Kyphosis.
3. Median sternotomy.
4. Bronchopulmonary segments.
5. Dyspnoea.
6. Surgical management of ischemic heart disease.
7. Coarctation of aorta.
8. Postoperative management of pneumonectomy.

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

1. Vital capacity.
2. Lifestyle modifications in ischemic heart disease.
3. Intercostal drainage.
4. Positive pressure ventilation.
5. Oxygen dissociation curve.
6. Risk factors for carcinoma lung.
7. Cardiac work and cardiac output during exercise.
8. Modes of management of systemic hypertension.
9. Clinical features of bronchiectasis.
10. Antenatal diagnosis of congenital heart disease.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY

Q.P. Code: 786169

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Blood pressure. What is the normal range of blood pressure? How do we measure it? How is blood pressure regulated by the body?
2. What is Ischaemic heart disease? What are the symptoms and signs of this disease? Enlist the investigations can be used in diagnosis? What are the common modes of management?

II. Write notes on:

(8 x 5 = 40)

1. Bucket handle and pump handle movement of ribs.
2. Arterial blood gas analysis.
3. Pulmonary tuberculosis.
4. Atrial septal defect.
5. Renal and coronary blood flow during exercise.
6. Ventilation-perfusion ratio.
7. Anterior thoracotomy.
8. Empyema.

III. Short answers on:

(10 x 2 = 20)

1. P wave in ECG.
2. Scoliosis.
3. Palpitations.
4. Post extubation care of a patient.
5. Cardiac stress testing.
6. Diagnosis of bronchopneumonia.
7. Hemothorax.
8. Syncope.
9. Management of COPD.
10. Principles of CPR.

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

[LR 1220]

DECEMBER 2020
(AUGUST 2020 EXAM SESSION)

Sub. Code : 6169

BOT DEGREE EXAMINATION
(Regulations from 2010-2011 onwards)
FOURTH YEAR

PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK PHYSIOLOGY

Q.P. Code: 786169

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are the risk factors for Carcinoma Lung? Describe the clinical features of the Disease, Diagnosis and the various management options.
2. What happens to the physiology of the human body during Exercise? Describe in detail changes in Cardiac rate, Output, Cardiac work, Blood pressure, Pulmonary Ventilation, Oxygen Consumption, Carbondioxide Tension and Coronary circulation during a period of Exercise. How can we study these changes?

II. Write notes on:

(8 x 5 = 40)

1. Chest deformities in Rickets.
2. Muscles in Respiration.
3. QRS Complex.
4. Lung Function Tests.
5. Ventricular Septal Defect.
6. Postero lateral Thoracotomy.
7. Clinical features of Cardiac Failure.
8. CPAP.

III. Short answers on:

(10 x 2 = 20)

1. Emergency management of Pneumothorax.
2. Care of an Endotracheal Tube.
3. Chest leads in an ECG.
4. Management of Mitral Stenosis.
5. Lifestyle modification in Hypertension.
6. Cervical Rib.
7. Cardiac Failure.
8. Risk factors for COPD.
9. Sphygmomanometer.
10. Clinical features of Lung Abscess.

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

[BOT 0122]

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

Sub. Code: 6169

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
FOURTH YEAR - (Regulations for the candidates admitted on or before the A.Y. 2013-2014)
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK PHYSIOLOGY
*Q.P. Code : 786169***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the Pathophysiology clinical features, complications and management of Mitral Stenosis.
2. Discuss in detail the Physiological Changes that occur in the Cardio Vascular System following Regular Exercise.

II. Write notes on:

(8 x 5 = 40)

1. Pneumothorax.
2. Acute Severe Asthma.
3. Cardio Vascular Stress Testing.
4. Tetralogy of Fallot.
5. Deep Vein Thrombosis.
6. Treadmill.
7. Cardiac Cycle.
8. Coronary Circulation.

III. Short answers on:

(10 x 2 = 20)

1. Clubbing.
2. Jugular Venous Pulse (JVP).
3. Heart Sounds.
4. Pericardial Tamponade.
5. Graham Steel Murmur.
6. Stroke Volume.
7. Peak Flow Meter.
8. Complications of Myocardial Infarction.
9. Mitral Valve Prolapse.
10. Vital Capacity.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY

Q.P. Code: 786189

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define heart failure. Discuss the causes, clinical features, investigations and treatment.
2. Describe the clinical features, types, complication, diagnosis and management of Pneumothorax.

II. Write notes on:

(8 x 5 = 40)

1. Muscles of respiration.
2. Sneeze reflex.
3. Exercise testing: Indications and physiological principles.
4. Cor-pulmonale: causes, clinical features and diagnosis.
5. Pneumoconiosis.
6. Describe the acute changes in respiratory rate, pulmonary ventilation, and pulmonary blood flow with exercise.
7. Heart lung machine.
8. Postural drainage.

III. Short answers on:

(10 x 2 = 20)

1. Pulmonary function test.
2. Respiratory acidosis.
3. Deep Vein Thrombosis (DVT).
4. Emphysema.
5. Shunt reversal.
6. Indication for tracheal intubation.
7. Hazards of smoking.
8. Intermittent Positive Pressure Breathing.
9. List the sources of energy for different intensities and duration of exercise.
10. Syncope.

[LO 6189]

FEBRUARY 2019

Sub.Code: 6189

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY

Q.P. Code: 786189

Time: Three hours

Maximum: 100 Marks

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

1. List the conditions requiring Open Heart Surgery. Briefly describe the clinical features and management of Tetralogy of Fallot.
2. Briefly outline the pathogenesis of Bronchial Asthma. Discuss in detail the management of acute Bronchial Asthma.

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

1. Thoracotomy.
2. Broncho pulmonary segments.
3. Patent Ductus arteriosus.
4. Outline the principles of cardio vascular stress testing.
5. Lung Abscess.
6. Pleural effusion.
7. Infective Endocarditis.
8. Cardio pulmonary resuscitation.

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

1. Postural drainage.
2. Indications for tracheal intubation.
3. Types of murmur.
4. Causes of lung carcinoma.
5. List the immediate effects of exercise on neural circuits and muscle strength.
6. Eisenmengers syndrome.
7. Define cardiac output.
8. Aspiration Pneumonia.
9. Surfactant.
10. Weaning from ventilatory support.

[LP 6189]

AUGUST 2019

Sub.Code: 6189

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY

Q.P. Code: 786189

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. List some diseases that require Closed Heart Surgery. Discuss in detail the clinical features, diagnosis and management of patent ductus arteriosus.
2. Define Exercise. What are the benefits of exercise? Describe the effects of exercise on the cardiovascular and respiratory systems.

II. Write notes on:

(8 x 5 = 40)

1. MET (Metabolic Equivalent).
2. Cough reflex.
3. Positive pressure ventilation.
4. Posterolateral thoracotomy.
5. Management of COPD.
6. Pulmonary tuberculosis.
7. Lung function tests.
8. Symptoms of cardiac failure.

III. Short answers on:

(10 x 2 = 20)

1. Isometric exercise.
2. Rib fractures.
3. Cardiac massage in CPR.
4. Post-extubation care.
5. White coat hypertension.
6. P wave in ECG.
7. Management of carcinoma lung.
8. Cyanosis.
9. Oxygen debt.
10. Muscles of respiration.

[LQ 6189]

FEBRUARY 2020

Sub.Code: 6189

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY

Q.P. Code: 786189

Time: Three hours

Maximum: 100 Marks

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

1. What are the various long term effects of Exercise? Discuss circulatory, morphological and biochemical adaptive processes in long term exercise training.
2. List some types of Chest trauma/injuries. Discuss in detail the clinical features and management of Pneumothorax.

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

1. Ventricular septal defect.
2. Lung abscess.
3. Tracheobronchial tree.
4. QRS complex in ECG.
5. Aerobic and anaerobic exercise.
6. Management of systemic hypertension.
7. Pigeon chest.
8. Postoperative management of Pneumonectomy.

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

1. Thoracic movements in respiration.
2. Median sternotomy.
3. Exercise classification on basis of intensity.
4. Preoperative assessment in Tracheostomy.
5. Mitral stenosis.
6. Angina.
7. Empyema.
8. Exercise and muscle strength.
9. Cardiomyopathy-clinical features.
10. Artificial respiration.

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

[LR 1220]

DECEMBER 2020
(AUGUST 2020 EXAM SESSION)
BOT DEGREE EXAMINATION
(Regulation from 2014-2015 onwards)

Sub.Code: 6189

FOURTH YEAR
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK
PHYSIOLOGY
Q.P. Code: 786189

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 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. Write notes on:

(8 x 5 = 40)

1. Muscles of Respiration.
2. Sneeze Reflex.
3. Exercise Testing: Indications and Physiological Principles.
4. Cor-Pulmonale: Causes, Clinical features and Diagnosis.
5. Pneumoconiosis.
6. Describe the effects of Exercise on Coronary Circulation.
7. Heart Lung Machine.
8. Cough Reflex.

III. Short answers on:

(10 x 2 = 20)

1. Pulmonary Function Test.
2. Postural Drainage.
3. Postero Lateral Thoracotomy.
4. Respiratory Acidosis.
5. Indications for Tracheal Intubation.
6. Dead Space.
7. Lymph Oedema.
8. Types of Murmur.
9. Massive Haemoptysis.
10. Emphysema.

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

[BOT 0921]

SEPTEMBER 2021
(FEBRUARY 2021 EXAM SESSION)

Sub. Code: 6189

BOT DEGREE EXAMINATION

FOURTH YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)

PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK PHYSIOLOGY

Q.P. Code : 786189

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What is Suppurative Lung disease? Discuss clinical features, etiology and management options in Broncho-Pneumonia.
2. What is Exercise? What are the various ways to classify Exercise? Give examples. How do they affect the Pulmonary system differently? What restrictions in Exercise are needed in patients with COPD?

II. Write notes on:

(8 x 5 = 40)

1. Metabolic effects of Exercise.
2. Risk factors for Carcinoma Lung.
3. Tetralogy of Fallot.
4. Tracheostomy.
5. Chest leads in ECG.
6. Hemothorax.
7. Broncho Pulmonary Segment.
8. ABG Analysis.

III. Short answers on:

(10 x 2 = 20)

1. Scoliosis.
2. Dyspnoea.
3. Isotonic Exercise.
4. Sphygmomanometer.
5. Care of Intercostal Drainage Tube.
6. Defibrillator use in CPR.
7. Ventilation : Perfusion Ratio.
8. Aortic Stenosis.
9. Maximal Heart rate in Exercise.
10. Types of Ventilators.

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

[BOT 0122]

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

Sub. Code: 6189

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
FOURTH YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK PHYSIOLOGY
*Q.P. Code : 786189***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What is ischemia? What are the risk factors for ischemic heart disease? What are the clinical features? How is IHD diagnosed?
2. What is bronchopneumonia? Discuss the causes, clinical features, diagnosis and treatment.

II. Write notes on:

(8 x 5 = 40)

1. Movements of the thorax.
2. Blood supply of the heart.
3. ABG.
4. Treadmill test.
5. Ventricular septal defect.
6. Angioplasty.
7. Positive pressure ventilation.
8. Lung abscess.

III. Short answers on:

(10 x 2 = 20)

1. Cervical rib.
2. Expiratory muscles.
3. Causes of pneumothorax.
4. Anterolateral thoracotomy.
5. Cyanosis.
6. ECG leads.
7. Pulse oximetry.
8. Defibrillation.
9. Pneumonectomy.
10. Treatment modalities for carcinoma lung.

[LB 6167]

AUGUST 2012

Sub. Code: 6167

FOURTH YEAR BOT EXAM
PAPER – III GROUP PROCESS IN OT
Q.P. Code : 786167

Time: Three Hours

Maximum: 100 marks

(180 Min) Answer ALL questions in the same order.

I. Elaborate on:

Pages Time Marks
(Max.)(Max.)(Max.)

- | | | | |
|--|----|----|----|
| 1. What is group dynamics? Describe the roles people play in groups, relationships between members and the verbal & non – verbal communication within the group. | 19 | 33 | 20 |
| 2. Write in detail the procedure for planning a group treatment. Give an example of starting a support group for persons with Spinal Cord Injury. | 19 | 33 | 20 |

II. Write Notes on:

- | | | | |
|--|---|---|---|
| 1. Roles. | 3 | 8 | 5 |
| 2. Function of norms. | 3 | 8 | 5 |
| 3. Differences in the aims of activity and support groups. | 3 | 8 | 5 |
| 4. Sequence of setting up a group. | 3 | 8 | 5 |
| 5. Open and Closed groups. | 3 | 8 | 5 |
| 6. Aims of pre group interview. | 3 | 8 | 5 |
| 7. Role of a leader in the support group. | 3 | 8 | 5 |
| 8. Stress management group. | 3 | 8 | 5 |

III. Short Answers on:

- | | | | |
|--------------------------------|---|---|---|
| 1. Role conflict. | 1 | 5 | 2 |
| 2. Norms. | 1 | 5 | 2 |
| 3. Cohesion. | 1 | 5 | 2 |
| 4. The silent member. | 1 | 5 | 2 |
| 5. Altruism. | 1 | 5 | 2 |
| 6. Examples of task groups. | 1 | 5 | 2 |
| 7. Assertiveness group. | 1 | 5 | 2 |
| 8. Non - directive leadership. | 1 | 5 | 2 |
| 9. Catharsis. | 1 | 5 | 2 |
| 10. Triad. | 1 | 5 | 2 |

[LD 6167]

AUGUST 2013

Sub. Code : 6167

FOURTH YEAR BOT EXAM

Paper III – GROUP PROCESS IN OCCUPATIONAL THERAPY

Q.P. Code: 786167

Time: Three hours

Maximum : 100 marks

I. Elaborate on: (2x20 = 40)

1. Explain in detail about various approaches to group work .
2. Explain how you would organize a social skills training group for children with Autism .

II. Write Notes on: (8x5 = 40)

1. Intra group relationship
2. Features of self help group
3. Gold fish bowl discussion
4. Developing group leader skills
5. Types of touch in drama therapy
6. Process of decision making in a group
7. Assessing group cohesion
8. Dissatisfaction phase in a social skills group

III. Short Answers on: (10x2 = 20)

1. Pre group interview
2. Sociogram
3. What are the two negative strategies used for encouraging group attendance?
4. Role strain
5. Non verbal behavior
6. Negotiated contract
7. Activity group
8. Silent member
9. Touch
10. Triads

FOURTH YEAR BOT EXAM
Paper III – GROUP PROCESS IN OCCUPATIONAL THERAPY
Q.P. Code: 786167

Time: Three hours

Maximum : 100 marks

- I. Elaborate on:** (2x20 = 40)
1. Plan and organize a stress management group for patients with Anxiety disorder.
 2. Explain how you will organize a group work for patients with dementia.
- II. Write Notes on:** (8x5 = 40)
1. Projective art group
 2. Managing problems of a dominant member in the group
 3. Motivating group members
 4. Characteristics of a leader
 5. Semi open group
 6. Nondirective leadership
 7. Types of Decision making
 8. Group task roles
- III. Short Answers on:** (10x2 = 20)
1. Split leader
 2. Therapist transparency
 3. Parallel group
 4. Frequency of group meetings
 5. Structuring a session
 6. Harmonizer
 7. Risky Shift
 8. Transference
 9. Process illumination
 10. Brainstorming

[LF 6167]

AUGUST 2014

Sub. Code : 6167

**FOURTH YEAR BOT EXAM
PAPER III – GROUP PROCESS IN OT**

Q.P. Code: 786167

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2x20=40)

1. Define cohesiveness .What are the factors that affect group cohesiveness.
2. Describe the steps involved in organizing a task oriented group.

II. Write Notes on:

(8x5=40)

1. Value of groups
2. Aims and goals of psychotherapy group.
3. Mosey's group interactive skills
4. Furniture layout in a group and its importance
5. Abstracts components of a group environment
6. Closed group
7. Types of referrals
8. Effectiveness of partnership in a group

III. Short Answers on:

(10x2=20)

1. Components of psychodrama group
2. Group norms
3. Co-leadership
4. Clique
5. Goal sabotage exercise
6. Bete noire
7. Directive leader
8. Resolution phase in an activity group
9. Hierarchy communication
10. Evaluation of groups

[LG 6167]

FEBRUARY 2015

Sub. Code : 6167

**FOURTH YEAR BOT EXAMINATION
PAPER III – GROUP PROCESS IN OCCUPATIONAL THERAPY**

Q.P. Code: 786167

Time: Three hours

Maximum: 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Plan to conduct a self help group for group of clients with Alcohol dependant syndrome.
2. Explain group process evaluation and its importance.

II. Write notes on:

(8 x 5 = 40)

1. Problem solving ideas for a group in conflict
2. Project level and parallel level groups
3. Advantages and disadvantages of co leadership?
4. Types of sociogram
5. Moseys activity group stages
6. Group norms help or hinder - explain
7. Reasons to formulate aims and Goals when planning groups
8. Importance of keeping records

III. Short answers on:

(10 x 2 = 20)

1. Laissez – faire
2. Non – verbal communication
3. Semi open group
4. Wind down
5. Clique
6. Role play
7. Forming stage
8. Negotiated contract
9. Resolution phase
10. Soliloquy

[LH 6167]

AUGUST 2015

Sub. Code: 6167

B.O.T. DEGREE EXAMINATION

FOURTH YEAR

PAPER III – GROUP PROCESS IN OCCUPATIONAL THERAPY

Q.P. Code: 786167

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Explain how to manage a group with dominating members with problems solving ideas for the same.
2. Plan a social skill training group with young adults who are intellectually challenged.

II. Write notes on:

(8 x 5 = 40)

1. Directive group.
2. Strategies to develop group cohesion.
3. Transference in group therapy.
4. Gold fish bowl discussion.
5. Strategies to manage a silent group.
6. Psychodrama.
7. Positive strategies to encourage attendance.
8. Group task roles.

III. Short Answers on:

(10 x 2 = 20)

1. Blanket referral.
2. Autocratic leader.
3. Norming stage.
4. Apathetic group.
5. Protagonist.
6. Altruism.
7. Group think.
8. Existential factors.
9. Hierarchy.
10. Examples of support group.

[LI 6167]

FEBRUARY 2016

Sub. Code : 6167

**FOURTH YEAR BOT EXAMINATION
PAPER III – GROUP PROCESS IN OCCUPATIONAL THERAPY**

Q.P. Code: 786167

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe Verbal and Non verbal social skills. Discuss how you will organize a social skills training group for patients with schizophrenia.
2. What is group cohesion? What is its value? How will you develop group cohesion?

II. Write notes on:

(8 x 5 = 40)

1. Differentiate project level and egocentric groups.
2. Role functions of the leader.
3. Yahlom's Curative factors of group therapy.
4. Norms.
5. Stages of Activity groups.
6. Value of Aims and Goals.
7. Anger management groups.
8. Managing silent group.

III. Short answers on:

(10 x 2 = 20)

1. Support groups.
2. Psychodrama.
3. Role lock.
4. Assertion.
5. Closed groups.
6. Gaining referrals.
7. Optimal Arousal.
8. Hot seat.
9. Factors to consider in Time Factor Decisions.
10. Attraction sociogram.

[LJ 6167]

AUGUST 2016

Sub. Code : 6167

**FOURTH YEAR BOT EXAMINATION
PAPER III – GROUP PROCESS IN OCCUPATIONAL THERAPY**

Q.P. Code: 786167

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the Groups in occupational therapy and classify them with suitable examples. What are the different approaches to Group Work?
2. Describe how you will plan and organize a Group on stress management.

II. Write notes on:

(8 x 5 = 40)

1. Stages of a support group.
2. Nonverbal skills.
3. Choosing the activity.
4. Developing group cohesion.
5. Assertiveness training groups.
6. Evaluation of a group.
7. Self help groups.
8. Managing the dominating member.

III. Short answers on:

(10 x 2 = 20)

1. Norms.
2. Supervision.
3. Traids.
4. Blank versus planned referrals.
5. Negative strategies in encouraging attendance.
6. Warm up.
7. Non directive leader ship.
8. Support group aims.
9. Group dynamics.
10. Open versus closed groups.

[LK 6167]

FEBRUARY 2017

Sub. Code : 6167

**BOT DEGREE EXAMINATION
FOURTH YEAR
PAPER III – GROUP PROCESS IN OCCUPATIONAL THERAPY**

Q.P. Code: 786167

Time: Three hours

Maximum: 100 Marks

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

1. Explain the role conflict in group and its problem solving methods.
2. Explain in detail about Drama therapy group.

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

1. Methods of encouraging attendance.
2. Democratic leader.
3. Task oriented group.
4. Non verbal behavior.
5. How to choose the activity for a group?
6. Aims of pre group interview.
7. Leader role in activity group.
8. Apathetic group.

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

1. What is role lock?
2. Define empathy.
3. What is confrontation?
4. What is self disclosure?
5. What is clique in communication?
6. What is open group?
7. What is deception?
8. What is coercion?
9. What is negotiated contract?
10. What is blanket referral?

[LL 6167]

AUGUST 2017

Sub. Code : 6167

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2013-2014 onwards)
FOURTH YEAR
PAPER III – GROUP PROCESS IN OCCUPATIONAL THERAPY

Q.P. Code: 786167

Time: Three hours

Maximum: 100 Marks

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

1. What is group dynamics? Describe the roles members play in groups. What are the problems in role and how do you manage them?
2. Write in detailed on initiating and developing a support group for spouses of alcohol dependent syndrome.

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

1. Values of group.
2. What are the phases of group therapy session?
3. How do you motivate members during group therapy sessions?
4. Drama therapy.
5. Communication.
6. Strategies to ensure therapist and patient safety.
7. Types of leadership.
8. How will you handle a crying member during a session?

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

1. Directive group approach.
2. Alliance and coalition.
3. List four difference between open and closed group.
4. Gold fish bowl discussion.
5. Transference.
6. Harmonizer.
7. Characteristics of a cohesive member.
8. Culture building.
9. Risky shift.
10. Laissez – faire.

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

[LM 6167]

FEBRUARY 2018

Sub. Code : 6167

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2013-2014 onwards)
FOURTH YEAR
PAPER III – GROUP PROCESS IN OCCUPATIONAL THERAPY

Q.P. Code: 786167

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are intra group relationships in group therapy? Explain with example on types, evaluation and strategies to facilitate intra group relationships within a group session.
2. How will you plan a home management group for a group (6 members) of low functioning ladies?

II. Write notes on:

(8 x 5 = 40)

1. Use of role play in support groups.
2. Sociogram.
3. Pre-group interview.
4. Problem solving strategies for group conflict.
5. Role of a co-leader in task oriented and in support groups.
6. How eye contact is evaluated and used therapeutically in group therapy sessions?
7. Briefly discuss the impact of subgroups in group therapy.
8. Levels of developmental groups.

III. Short answers on:

(10 x 2 = 20)

1. Passive aggressive personality.
2. Visual imagery.
3. Resolution catharsis.
4. Brain storming.
5. List four characteristics of a leader.
6. Warm up.
7. Protagonist.
8. Semi open group.
9. Clown.
10. List any four ill-effects of anger.

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

[LN 6167]

AUGUST 2018

Sub. Code : 6167

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER III – GROUP PROCESS IN OCCUPATIONAL THERAPY

Q.P. Code: 786167

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe in detail about functional group model.
2. Describe the plan of organizing social skill training group.

II. Write notes on:

(8 x 5 = 40)

1. Individual roles in group.
2. Group maintenance roles.
3. Stages in support group.
4. Methods of motivating group member.
5. Managing silent member in group.
6. Characteristics of a leader.
7. Methods of evaluating group process.
8. Triad.

III. Short answers on:

(10 x 2 = 20)

1. What is role conflict?
2. What is semi open group?
3. What is task group?
4. What is restrictive solution?
5. What is debriefing?
6. Define group.
7. What is storming?
8. What is thematic group?
9. Define empathy.
10. What is group think?

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER III – GROUP PROCESS IN OCCUPATIONAL THERAPY

Q.P. Code: 786167

Time: Three hours

Maximum: 100 Marks

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

1. Explain the importance and functions of a leader in a group. Mention the types of leadership. How will you facilitate leadership qualities for group members?
2. Plan awareness groups for 8 (members) 15–18 years old Down's syndrome.

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

1. Types of groups in occupational therapy.
2. How will you organize the environment for task oriented group?
3. Dissatisfaction phase in psychosocial groups.
4. How group effectiveness is evaluated?
5. How will you manage a monopolizer and a silent member during group discussion?
6. Explain any five group building and maintenance roles with examples.
7. Types of touch used in group therapy.
8. Why and how do we formulate aims and goals while planning group therapy?

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

1. Projective group.
2. Clique.
3. Storming.
4. Process illumination.
5. Scapegoat.
6. Anger diary.
7. Characteristics of a non cohesive member.
8. Apathetic group.
9. Role status.
10. Beta noire.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER III – GROUP PROCESS IN OCCUPATIONAL THERAPY

Q.P. Code: 786167

Time: Three hours

Maximum: 100 Marks

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

1. Define Cohesiveness. What are the factors affect the group cohesiveness?
2. Explain the importance of conducting groups in children with school phobia.

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

1. Leadership strategies in interpersonal learning.
2. Stages of group.
3. Verbal and non-verbal communication skills.
4. Strategies to ensure therapist and patient safety during groups.
5. Types of reasoning.
6. Group task roles.
7. Various approaches to group work.
8. Support group for spouses of alcoholic.

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

1. Mature defences.
2. Self esteem.
3. Leader centered interaction.
4. Social profile.
5. Imitative behavior.
6. Conflict.
7. Co-leadership.
8. Open group.
9. Resolution phase.
10. Define empathy.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER III – GROUP PROCESS IN OCCUPATIONAL THERAPY

Q.P. Code: 786167

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Outlines stress. Plan out stress management group in detail.
2. Discuss the common problems encountered in a group and how do you manage group problems?

II. Write notes on:

(8 x 5 = 40)

1. Strategies to develop group attendance.
2. Outline the types of therapeutic groups.
3. Selection of activities in groups.
4. Features of self-help group.
5. Guidelines for group documentation.
6. Five dimensions of reasoning.
7. Roles involved in group building and maintenance.
8. Leadership strategies in group cohesiveness.

III. Short answers on:

(10 x 2 = 20)

1. Silent group.
2. Distress tolerance.
3. Group membership.
4. Neurotic defenses.
5. Body image.
6. Psychodrama.
7. Closed group.
8. Role strain.
9. Group expectation.
10. Warm up in group.

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

[LR 1220]

DECEMBER 2020

Sub. Code : 6167

(AUGUST 2020 EXAM SESSION)

BOT DEGREE EXAMINATION

(Regulations from 2010-2011 onwards)

FOURTH YEAR

PAPER III – GROUP PROCESS IN OCCUPATIONAL THERAPY

Q.P. Code: 786167

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are different Leadership Styles? Explain about Directive versus Non-directive leadership with relevant example?
2. Describe how you would plan and organize Assertiveness Training for a group of Client with Substance Abuse?

II. Write notes on:

(8 x 5 = 40)

1. Advantages of Co-leadership.
2. Problem-solving ideas to manage the Distressed member.
3. Sensory Integration groups.
4. Creative therapy.
5. The decision-making process in Groups.
6. Facilitating group development in ending stage.
7. Phases in structuring Group session.
8. Aims of pre group interview.

III. Short answers on:

(10 x 2 = 20)

1. Sociometric test
2. Risky-shift.
3. Semi-open group
4. Factual records.
5. Group norms
6. Storming stage
7. Touch used in occupational therapy group situations.
8. Psychodrama
9. Transference
10. The dominating member

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

[BOT 0921]

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

Sub. Code: 6167

BOT DEGREE EXAMINATION

FOURTH YEAR - (Regulations for the candidates admitted on or before the A.Y. 2013-2014)

PAPER III – GROUP PROCESS IN O.T.

Q.P. Code : 786167

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the Curative factor in Group therapy.
2. Write in detail about Assertiveness Training group.

II. Write notes on:

(8 x 5 = 40)

1. Stages of Group development.
2. Group task roles.
3. What are the factors facilitating Group Decision making?
4. Homogeneity in Group therapy.
5. Stages in Activity group.
6. Methods of developing Group Cohesion.
7. Authoritarian Leader.
8. Advantages and disadvantages of Co-leadership.

III. Short answers on:

(10 x 2 = 20)

1. Define Activity group.
2. What is Brain storming?
3. Define Cohesion.
4. What is Group Polarization?
5. Define Norms.
6. What is risky Shift?
7. What is Sociogram?
8. What is Closed group?
9. Define Altruism.
10. What is Group think?

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

[BOT 0122]

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

Sub. Code: 6167

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
FOURTH YEAR - (Regulations for the candidates admitted on or before the A.Y. 2013-2014)
PAPER III – GROUP PROCESS IN O.T.
Q.P. Code : 786167**

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the methods and importance of Evaluation of a Group.
2. Describe how you will plan and organize Task oriented Group for a group of Clients with Substance Abuse?

II. Write notes on:

(8 x 5 = 40)

1. Leadership strategies in Instillation of Hope.
2. Yalom's curative factors of Group therapy.
3. Social skill training group.
4. Describe Group Interaction.
5. Stages of Support Group.
6. Precaution in Group formation.
7. Therapeutic values of Drama Therapy group.
8. Effective Communication skills.

III. Short answers on:

(10 x 2 = 20)

1. Define Motivation.
2. Immature Defense.
3. Self-concept.
4. Reforming stage.
5. Group Observer.
6. Parallel group.
7. Hierarchy.
8. Define Competence.
9. Transference in Group therapy.
10. Awareness group.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER III – GROUP PROCESS IN OT

Q.P. Code: 786187

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. How would you conduct a stress management group?
2. Describe the steps involved in organizing a task oriented group.

II. Write notes on:

(8 x 5 = 40)

1. Directive group.
2. Write notes on a caregiver support group.
3. Positive strategies to encourage attendance in a group.
4. Furniture layout in a group and its importance.
5. Transference in group therapy.
6. Advantages and disadvantages of an open group.
7. Leadership styles.
8. Effectiveness of partnership in a group.

III. Short answers on:

(10 x 2 = 20)

1. Components of psychodrama group.
2. Triad.
3. Co-leadership.
4. Clique.
5. Goal sabotage exercise.
6. Harmonizer.
7. Risky Shift.
8. Resolution phase in an activity group.
9. Hierarchy communication.
10. Evaluation of groups.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER III – GROUP PROCESS IN OT

Q.P. Code: 786187

Time: Three hours

Maximum: 100 Marks

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

1. What is drama therapy? Classify drama therapy. What are the therapeutic values of drama therapy? Outline the role of occupational therapist in drama.
2. Describe how you would organize a social skill training group for a group of clients with schizophrenia?

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

1. Motivating group members.
2. Problem solving ideas for a group conflict.
3. Outline group leader skills. Explain how you develop group leader skills?
4. Use of groups in paediatric clients
5. Self-help group. Explain with example.
6. Importance of keeping records. Add notes on methods of keeping records in group.
7. How will you develop group cohesion?
8. Features of an anger management group.

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

1. Rolestrain.
2. Autocritic leader.
3. Existential factors.
4. Resolution phase.
5. Role lock.
6. Self-confessor.
7. Silent member.
8. Non-judgemental acceptance.
9. Monopolist in group.
10. Indications of care givers support group.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER III – GROUP PROCESS IN OT

Q.P. Code: 786187

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What is group? What are the different types of group? How will occupational therapist manage the groups?
2. Describe how you would plan and organize a stress management group for a group of clients with alcohol dependent?

II. Write notes on:

(8 x 5 = 40)

1. Group therapy for learning disability.
2. Compare project level and parallel level groups with example.
3. Yahlom's curative factors of group therapy.
4. Disadvantages of co-leadership.
5. Pre group interview.
6. Verbal and nonverbal interaction in group.
7. Types of decision making.
8. Leadership styles in group.

III. Short answers on:

(10 x 2 = 20)

1. Warm-up in groups.
2. Playboy in groups.
3. Self-actualization.
4. Confrontation.
5. Energizer.
6. Indications of assertiveness group.
7. Role play.
8. Hierarchy of communication.
9. Group cohesiveness.
10. Group norms.

[LQ 6187]

FEBRUARY 2020

Sub. Code : 6187

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER III – GROUP PROCESS IN OT

Q.P. Code: 786187

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about various approaches to group work.
2. Plan and organize a task oriented group for a group of patients with anxiety disorder.

II. Write notes on:

(8 x 5 = 40)

1. Intra group relationship.
2. Difference between activity and support groups.
3. Strategies to encourage group attendance.
4. Aims and values of group therapy.
5. Psychodrama.
6. Advantages of Co-Leadership.
7. Environment of a group.
8. Evaluating groups.

III. Short answers on:

(10 x 2 = 20)

1. Optimal arousal.
2. Universality.
3. Narcissistic member.
4. Empathy.
5. Self-disclosure.
6. How do you gain referrals for group?
7. Sociogram.
8. Norming stage.
9. Closed group.
10. Altruism.

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

[LR 1220]

DECEMBER 2020
(AUGUST 2020 EXAM SESSION)
BOT DEGREE EXAMINATION
(Regulations from 2014-2015 onwards)
FOURTH YEAR
PAPER III – GROUP PROCESS IN OT
Q.P. Code: 786187

Sub. Code : 6187

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What is Group Dynamics? Describe the roles people play in Groups, relationships between Members and the Verbal & Non-verbal Communication within the Group.
2. Write in detail the procedure for Planning a Group treatment. Give an example of starting a Support group for persons with Spinal Cord injury.

II. Write notes on:

(8 x 5 = 40)

1. Directive Group.
2. Write note on a Caregiver support group.
3. Positive strategies to encourage Attendance in a group.
4. Furniture layout in a Group and its importance.
5. Types of Touch in Drama therapy.
6. Process of decision making in a Group.
7. Assessing Group Cohesion.
8. Effectiveness of partnership in a Group.

III. Short answers on:

(10 x 2 = 20)

1. Role conflict.
2. Cliques.
3. Negotiated contract.
4. Silent member.
5. Pre group interview.
6. Sociogram.
7. Split leader.
8. Therapist transparency.
9. Process illumination.
10. Brainstorming.

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

[BOT 0921]

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

Sub. Code: 6187

**BOT DEGREE EXAMINATION
FOURTH YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER III – GROUP PROCESS IN OT
*Q.P. Code : 786187***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Organize a social skills training group for patients with schizophrenia.
2. Plan a group therapy for older people with dementia.

II. Write notes on:

(8 x 5 = 40)

1. Evaluating group.
2. Sequence of setting up a group.
3. Mosey's group interactive skills.
4. Advantages and disadvantages of co leadership.
5. Managing silent group.
6. Types of reasoning.
7. Positive strategies to encourage attendance.
8. Self-help groups.

III. Short answers on:

(10 x 2 = 20)

1. Altruism.
2. Role play.
3. Group dynamics.
4. Imitative behavior.
5. Distress tolerance.
6. Activity scheduling.
7. Compromiser.
8. Non-judgmental acceptance.
9. Conflict.
10. Asociality.

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

[BOT 0122]

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

Sub. Code: 6187

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
FOURTH YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER III – GROUP PROCESS IN OT
*Q.P. Code : 786187***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Plan and organize a Stress management group for patients with Anxiety disorder.
2. Explain how you will organize a Group work for patients with Dementia?

II. Write notes on:

(8 x 5 = 40)

1. Projective art group.
2. Sequence of setting up a Group.
3. Authoritarian leader.
4. Assertiveness group.
5. Dissatisfaction phase in a social skills group.
6. Actions of Drama therapy.
7. Role of a Leader in the Support group.
8. Semi open group.

III. Short answers on:

(10 x 2 = 20)

1. Types of Decision making.
2. Group task roles.
3. Frequency of Group meetings.
4. Structuring a Session.
5. Managing problems within a Group.
6. Group Norms.
7. Clique.
8. Counter transference.
9. Leadership roles.
10. Therapist as a Facilitator in a group.

[LB 6165]

AUGUST 2012

Sub. Code: 6165

FOURTH YEAR / EIGHT SEMESTER BOT EXAM

Paper – I ORGANIZATION AND ADMINISTRATION IN OT

Q.P. Code : 786165

Time: Three Hours

Maximum: 100 marks

(180 Min) Answer ALL questions in the same order.

I. Elaborate on:

Pages Time Marks
(Max.)(Max.)(Max.)

- | | | | |
|--|----|----|----|
| 1. Discuss the legal issues in rehabilitation. | 19 | 33 | 20 |
| 2. Occupational therapy and work programmes. | 19 | 33 | 20 |

II. Write Notes on:

- | | | | |
|--------------------------------|---|---|---|
| 1. Steps in planning. | 3 | 8 | 5 |
| 2. Types of decision making. | 3 | 8 | 5 |
| 3. Flow process charts. | 3 | 8 | 5 |
| 4. Job selection. | 3 | 8 | 5 |
| 5. Petty case. | 3 | 8 | 5 |
| 6. Methods of purchasing. | 3 | 8 | 5 |
| 7. Ergonomic program elements. | 3 | 8 | 5 |
| 8. Occupation as therapy. | 3 | 8 | 5 |

III. Short Answers on:

- | | | | |
|------------------------------|---|---|---|
| 1. Lumbar motion monitor. | 1 | 5 | 2 |
| 2. Individual needs of work. | 1 | 5 | 2 |
| 3. Discipline. | 1 | 5 | 2 |
| 4. Functional capacity. | 1 | 5 | 2 |
| 5. Ego deflating. | 1 | 5 | 2 |
| 6. Commitment. | 1 | 5 | 2 |
| 7. Placement. | 1 | 5 | 2 |
| 8. Task analysis. | 1 | 5 | 2 |
| 9. Performance appraisal. | 1 | 5 | 2 |
| 10. Referral. | 1 | 5 | 2 |

LC 6165]

FEBRUARY 2013

Sub. Code : 6165

FOURTH YEAR / EIGHT SEMESTER BOT EXAM

Paper – I ORGANIZATION AND ADMINISTRATION IN OT

Q.P. Code : 786165

Time: Three Hours
(180 Min)

Maximum: 100 marks

I. Elaborate on:

(2x20=40)

- 1 Essential consideration of department planning
- 2 Explain the rehabilitation ergonomic components

II. Write Notes on:

(8x5=40)

- 1 Energy conservation techniques
- 2 Purposes of documentation
- 3 Professional development
- 4 Interdepartmental relationship
- 5 Components of annual report
- 6 Elements of supervision
- 7 Principles of administration
- 8 Commandments of good communication

III. Short Answers on:

(10x2=20)

- 1 Scalar chain
- 2 Work study
- 3 Interview process
- 4 Staff meeting
- 5 Feedback
- 6 Career planning
- 7 Job description
- 8 Case study
- 9 Types of coordination in organization
- 10 Deputation

[LD 6165]

AUGUST 2013

Sub. Code : 6165

FOURTH YEAR/EIGHTH SEMESTER BOT EXAM
Paper I –ORGANISATION AND ADMINISTRATION IN OT
Q.P. Code: 786165

Time: Three hours

Maximum : 100 marks

I. Elaborate on: (2x20 = 40)

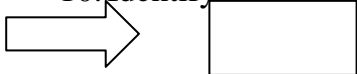
1. Describe role of ergonomics in OT for data entry operators.
2. Describe good working conditions in relationship to productivity.

II. Write Notes on: (8x5 = 40)

1. Types of documentation
2. Petty cash accounting
3. Assessment plan for ADL
4. Transportation concession for disabled persons.
5. Safety precautions for in – coordination
6. Causes for decrease productivity
7. Outline principles of administration
8. Steps involved in motion analysis

III. Short Answers on: (10x2 = 20)

1. Types of referral
2. Filing
3. Annual statistics
4. Workman's compensation act
5. Flow chart diagram
6. Energy conservation techniques
7. Maintenance of splinting materials
8. Job description
9. Types of communication
10. Identify the following symbols and description



[LE 6165]

FEBRUARY 2014

Sub. Code : 6165

FOURTH YEAR/EIGHTH SEMESTER BOT EXAM

Paper I –ORGANISATION AND ADMINISTRATION IN OT

Q.P. Code: 786165

Time: Three hours

Maximum : 100 marks

I. Elaborate on: (2x20 = 40)

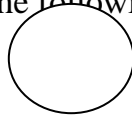
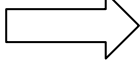
1. Describe applications of ergonomics to various aspects of functional performance
2. Discuss how to manage the clinical therapists and clinical researcher in well equipped OT set up.

II. Write Notes on: (8x5 = 40)

1. Assessment plan for hand functions
2. Maintenance of department equipments
3. Explain record keeping
4. Work simplification for Low back pain
5. Techniques of work measurement
6. Essentials of department planning
7. Prepare organization chart for 100 bedded rehabilitation setup
8. Teaching methods for OT assistants

III. Short Answers on: (10x2 = 20)

1. Maintenance of library books
2. Safety measures for epilepsy
3. Factors of good working conditions
4. Budgeting for sports activities to special children
5. Define documentation
6. Define productivity
7. Types of plan
8. Inventory records
9. Annual statistics
10. Identify the following symbols and description



[LF 6165]

AUGUST 2014

Sub. Code : 6165

**FOURTH YEAR BOT EXAM
PAPER I –ORGANISATION ADMINISTRATION IN OT**

Q.P. Code: 786165

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2x20=40)

1. Define Productivity. Describe in detail the factors that influence productivity with special emphasis on good working conditions.
2. Explain the legal aspects related to rehabilitation.

II. Write Notes on:

(8x5=40)

1. Documentation in OT
2. Purposes of records
3. Referrals
4. Care of equipment and materials in OT
5. Annual reports
6. Safety precautions for persons with SCI while using Wheelchair
7. Give some examples for application of ergonomics in OT
8. Space requirement for starting an OT paediatric unit

III. Short Answers on:

(10x2=20)

1. Purpose of staff meeting
2. Teaching methods in OT
3. Cost of a resting hand splint made with Thermoplastic material
4. Capital budget
5. Apply any two ergonomic principles for person with in co-ordination
6. String diagram
7. Vocational assessment
8. Statistics
9. Attendance records
10. Work categories

[LG 6165]

FEBRUARY 2015

Sub.Code: 6165

**FOURTH YEAR BOT EXAMINATION
PAPER I –ORGANIZATION AND ADMINISTRATION IN OT**

Q.P. Code: 786165

Time: Three hours

Maximum: 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Define work. Write the categories of work. Discuss in detail the purpose and importance of work and identify its relationship to culture.
2. Describe the importance of documentation in OT. Explain in detail the methods of Documentation.

II. Write notes on:

(8 x 5 = 40)

1. Budgeting
2. Maintenance of records
3. Annual report
4. Requirements for starting a new OT school
5. Work simplification and energy conservation techniques
6. Costing of splints / aids in OT
7. Strategies for staff development
8. Fall prevention techniques for people with cerebellar ataxia

III. Short answers on:

(10 x 2 = 20)

1. Maintenance budget
2. Staff-Patient ratio
3. Types of communication
4. Stock
5. Cost of a long handle reacher made with aluminum
6. Problem oriented medical record
7. Ergonomics
8. Define organization
9. Methods of filing
10. Feeding adaptation for in-coordination

[LH 6165]

AUGUST 2015

Sub. Code: 6165

B.O.T. DEGREE EXAMINATION

FOURTH YEAR

PAPER I – ORGANIZATION AND ADMINISTRATION IN O.T.

Q.P. Code: 786165

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Describe the various Medico Legal Acts applicable to person with disability in India.
2. Describe the application of ergonomic principles in OT.

II. Write notes on:

(8 x 5 = 40)

1. Records.
2. Computer and paper based documentation in OT.
3. Staff development.
4. Store keeping.
5. Equipment requirement for starting a paediatric unit.
6. Sports for people with disability.
7. Standardized hand function tools.
8. Safety precautions for suicidal patients.

III. Short Answers on:

(10 x 2 = 20)

1. Staff management.
2. String diagram.
3. Work categories.
4. Annual statistics.
5. Productivity.
6. Types of leisure.
7. Objectives of Ergonomics.
8. Referral.
9. Pre-vocational assessment.
10. Leadership styles.

[LI 6165]

FEBRUARY 2016

Sub. Code : 6165

**FOURTH YEAR BOT EXAMINATION
PAPER I –ORGANIZATION AND ADMINISTRATION IN OT**

Q.P. Code: 786165

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define organization and Administration. Discuss considerations for construction of a new OT stroke rehabilitation unit.
2. Explain job analysis.

II. Write notes on:

(8 x 5 = 40)

1. Methods of Documentation.
2. Picnic for people with disability.
3. Staff management.
4. Ideal working condition for an adult neuro-rehab set up.
5. Referrals.
6. Safety precaution in OT elderly care unit.
7. Government benefits available for people with disability.
8. Pre-vocational assessment form.

III. Short answers on:

(10 x 2 = 20)

1. Inventory.
2. Costing of hand splints.
3. Process chart.
4. Types of correspondence.
5. Staff meeting.
6. Vocational assessment.
7. Petty cash.
8. Joint protection techniques.
9. SOAP notes.
10. Capital budget.

[LJ 6165]

AUGUST 2016

Sub.Code : 6165

**FOURTH YEAR BOT EXAMINATION
PAPER I –ORGANIZATION AND ADMINISTRATION IN OT**

Q.P. Code: 786165

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Work. Mention the categories of Work. What are the values of work for a person with acquired physical disability? Why learning about work study is important for occupational therapist?
2. What are the considerations for construction of a new occupational therapy department in a 500 bedded, multispecialty hospital?

II. Write notes on:

(8 x 5 = 40)

1. Who is an effective supervisor?
2. Types of budgeting.
3. Types of correspondence used in an institution based rehabilitation setup.
4. Staff meeting.
5. Plan to organize a picnic for a group of 15 schizophrenic clients.
6. Job analysis.
7. What is flow diagram? Explain serving of meals in a general ward.
8. Organizational chart.

III. Short answers on:

(10 x 2 = 20)

1. Ergonomic sitting to prevent back pain.
2. Deputation.
3. Maintenance of sharp tools.
4. Academic concession for disabled.
5. Mention four joint protection techniques.
6. Standing plan.
7. Write about any one teaching methods for OT students.
8. Define productivity.
9. ESI.
10. Scientific method of filing.

**BOT DEGREE EXAMINATION
FOURTH YEAR
PAPER I – ORGANIZATION AND ADMINISTRATION IN OT**

Q.P. Code: 786165

Time: Three hours

Maximum: 100 Marks

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

1. Define Record. Write its purpose. Explain the different types of Records with examples. How Records should be maintained?
2. Define Ergonomics. Describe scope of Ergonomics in occupational therapy. How Ergonomics principles be applied in home making skills for a lady with muscle weakness?

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

1. Care of wooden and metal equipments in OT-neurology unit.
2. What are pre-requisites for vocational evaluation? Plan assessment form for vocational evaluation.
3. Factors to consider while planning for a sports program for 50 children with muscular dystrophy.
4. Safety precaution for a hemiplegic client.
5. Budgeting.
6. What are the causes for decrease in productivity?
7. String diagram.
8. What are the occupational hazards of poor lighting and ventilation? Explain good working condition in lighting and ventilation.

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

1. Casting of splints.
2. Petty cash.
3. List four safety precautions for a paraplegic during therapy.
4. Write four energy conservation techniques.
5. Define organization.
6. SOAP notes.
7. Annual report.
8. Categories of work.
9. List four work behaviors.
10. Scientific method of filing.

[LL 6165]

AUGUST 2017

Sub.Code : 6165

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2013-2014 onwards)
FOURTH YEAR
PAPER I – ORGANIZATION AND ADMINISTRATION IN OT

Q.P. Code: 786165

Time: Three hours

Maximum: 100 Marks

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

1. Discuss methods of Administration in an occupational therapy department.
2. What are the various methods of doing work assessment? What is Functional Capacity evaluation?

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

1. Steps in planning for a new department.
2. Types of Budgets.
3. Types of correspondence.
4. Importance of staff meetings.
5. General maintenance of equipment in the department.
6. Methods of purchasing.
7. Energy conservation techniques.
8. SOAP notes.

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

1. What are the two individual factors relating to work?
2. What is work?
3. Discipline.
4. Line of responsibility.
5. Work pressure.
6. Job analysis.
7. What is an inventory?
8. Prevocational evaluation.
9. Performance appraisal.
10. Referral.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2013-2014 onwards)
FOURTH YEAR
PAPER I – ORGANIZATION AND ADMINISTRATION IN OT

Q.P. Code: 786165

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define productivity. Mention factors which influence productivity and causes for decreases in productivity.
2. Plan assessment form for hand function including initial evaluation and progress recording.

II. Write notes on:

(8 x 5 = 40)

1. What should be the physical environment considerations for good productivity at a work place?
2. Purposes of good administration.
3. How clinical teaching enhances professional development?
4. Importance of Inter departmental communication.
5. Components of annual budget.
6. Outline the correct postures to be adopted for lifting and carrying techniques.
7. Application of ergonomics for patients with cardiac disorders.
8. Work simplification techniques.

III. Short answers on:

(10 x 2 = 20)

1. Scalar chain.
2. Define work study.
3. Interview process.
4. Define work flow.
5. Feedback.
6. Career planning.
7. Job description.
8. Case study.
9. Types of co-ordination in organization.
10. Deputation.

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

[LN 6165]

AUGUST 2018

Sub.Code : 6165

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER I – ORGANIZATION AND ADMINISTRATION IN OT

Q.P. Code: 786165

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in details of Executive responsibilities of an Occupational therapy college Principal.
2. Plan a sports day events for paraplegic patients.

II. Write notes on:

(8 x 5 = 40)

1. Safety precaution of an epileptic patient.
2. Describe methods for care of equipment.
3. Application of ergonomics during meal preparation.
4. What are the supervisory considerations while planning a department?
5. Essentials of a good working condition.
6. Workman's compensation act.
7. Importance of Interdepartmental relationship.
8. Staff development programme.

III. Short answers on:

(10 x 2 = 20)

1. What are the factors which influence productivity?
2. Define string diagram.
3. Purpose of staff meeting.
4. What is decentralized purchasing?
5. What is sick leave?
6. Purchase ordering.
7. Any two causes of decreased productivity.
8. Performance appraisal.
9. List out any two physical environment in work place.
10. Line of Responsibility.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER I – ORGANIZATION AND ADMINISTRATION IN OT

Q.P. Code: 786165

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in details about Home modification for a quadriplegic CP patient.
2. Plan and allot space for a sensory integration room in an OT department.

II. Write notes on:

(8 x 5 = 40)

1. Principles of Administration.
2. Staff development programme.
3. Importance of ventilation in a working environment.
4. Stock inventory.
5. Objectives of ergonomics.
6. Shelter workshop.
7. Types of correspondence.
8. Shadow board.

III. Short answers on:

(10 x 2 = 20)

1. Define record.
2. Types of ADL.
3. Name four rehabilitation team members.
4. Categories of work.
5. Differentiate between a record and a report.
6. Fiscal year.
7. Define work.
8. Types of referral.
9. Petty cash accounting.
10. Uses of string diagram.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER I – ORGANIZATION AND ADMINISTRATION IN OT

Q.P. Code: 786165

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Plan a new library for Occupational Therapy College.
2. Explain in details about a good working condition and how it affects productivity?

II. Write notes on:

(8 x 5 = 40)

1. Importance of record keeping.
2. Qualities of a good Leader.
3. Safety precaution of a visually impaired person.
4. Inter staff relationship.
5. Types of decision making.
6. Steps involved in motion analysis.
7. Techniques of work measurement.
8. Essentials of departmental planning.

III. Short answers on:

(10 x 2 = 20)

1. Types of plan.
2. Annual statistics.
3. Job description.
4. Feedback.
5. Performance appraisal.
6. Career planning.
7. Define Stock.
8. Types of leadership styles.
9. Deputation.
10. Capital budget.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER I – ORGANIZATION AND ADMINISTRATION IN OT

Q.P. Code: 786165

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define ergonomics. Describe various work simplification and energy saving techniques.
2. How would you organise a sports programme for a group of C.P children?

II. Write notes on:

(8 x 5 = 40)

1. Explain the purpose of job analysis.
2. Outline legal aspects related to rehabilitation.
3. Purpose of staff meeting.
4. Stock inventory.
5. Statistical graphs.
6. Line of responsibility.
7. Costing of splints.
8. Sound working condition – explain.

III. Short answers on:

(10 x 2 = 20)

1. Petty cash.
2. Flow diagram.
3. Medical records.
4. Referrals – types.
5. Define organization.
6. Financial benefits available for the disabled.
7. Staff patient ratio.
8. Components of work evaluation.
9. Reports.
10. Organogram.

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

[LR 6165]

DECEMBER 2020
(AUGUST 2020 EXAM SESSION)

Sub.Code : 6165

BOT DEGREE EXAMINATION
(Regulation from 2010-2011 onwards)
FOURTH YEAR
PAPER I – ORGANIZATION AND ADMINISTRATION IN OT

Q.P. Code: 786165

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Analyse the job of a school teacher.
2. How would you modify an old paediatric OT department into an adult OT neurology unit?

II. Write notes on:

(8 x 5 = 40)

1. Objectives of Ergonomics.
2. Causes of decreased productivity.
3. Categories of Work.
4. String diagram.
5. Initial evaluation and progress recording in OT department.
6. Staff development.
7. Plan an ADL assessment form.
8. General safety precautions in OT department for a Hemiplegic patient.

III. Short answers on:

(10 x 2 = 20)

1. Medico legal cases.
2. Suicide prevention.
3. Purpose of Referrals.
4. Adaptation.
5. Define Stress.
6. Work routine.
7. Recreation.
8. Clinical Teaching.
9. Patient Therapist Relationship.
10. Behaviour.

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

[BOT 0122]

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

Sub. Code: 6165

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
FOURTH YEAR - (Regulations for the candidates admitted on or before the A.Y. 2013-2014)
PAPER I – ORGANIZATION AND ADMINISTRATION IN OT
*Q.P. Code : 786165***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail with diagram considerations for construction of a new occupational therapy department.
2. Home modification for a wheelchair bound spinal cord injury patient with motor and sensory loss in both the legs.

II. Write notes on:

(8 x 5 = 40)

1. Joint protection techniques.
2. Workmen's compensation act.
3. Maintenance and storing of occupational therapy materials.
4. Work pressure.
5. Plan a higher function assessment form.
6. General safety precautions in OT department for an in-coordination patient.
7. Documentation.
8. Application of ergonomics principles to muscle weakness.

III. Short answers on:

(10 x 2 = 20)

1. Occupational health.
2. Training program.
3. Maximum task time.
4. Process chart.
5. Productivity.
6. Splint materials costing.
7. Annual reports.
8. Assistive device.
9. Scope of ergonomics.
10. Job analysis.

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

[LN 6185]

AUGUST 2018

Sub.Code : 6185

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER I – ORGANIZATION AND ADMINISTRATION IN OT

Q.P. Code: 786185

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Job analysis steps and its importance related to occupational therapy practice.
2. Define Administration, explain the principles of administration as relevant to Occupational therapy Department.

II. Write notes on:

(8 x 5 = 40)

1. What are the legal purposes of keeping records?
2. Role of a Manager.
3. Work hardening.
4. Methods of managing work pressure.
5. Application of ergonomics in cardiac conditions.
6. Importance of Recreation in working environment.
7. Mandatory sanitary facilities in an occupational therapy department.
8. Mentoring.

III. Short answers on:

(10 x 2 = 20)

1. List out physical environment in a working place.
2. Symbols used in a process chart.
3. Store management.
4. Staff patient ratio.
5. Inventory check.
6. Types of Plan.
7. Universal precaution.
8. SOAP notes.
9. Content of Referrals.
10. Measurement of productivity.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER I – ORGANIZATION AND ADMINISTRATION IN OT

Q.P. Code: 786185

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Plan and budget for renovation of an occupational therapy outpatient department in a hospital.
2. Plan and organise a picnic for people with Bipolar disorder.

II. Write notes on:

(8 x 5 = 40)

1. Performance evaluation.
2. Costing of Article.
3. Importance of work study to an occupational therapist.
4. Distinguish categories of work.
5. Types of Supervision.
6. Safety precaution for MR.
7. Financial benefits available for the disabled in India.
8. Steps in method study.

III. Short answers on:

(10 x 2 = 20)

1. What is the overtime?
2. Define process chart.
3. Safety precaution of suicidal patients.
4. Work study principles.
5. Purpose of job analysis.
6. Define adaptation.
7. Inventory records.
8. Organisational environment.
9. Process of Placement.
10. Line of responsibility.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER I – ORGANIZATION AND ADMINISTRATION IN OT

Q.P. Code: 786185

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the importance of documentation in OT. Explain in detail the methods of documentation.
2. Legal aspects related to Rehabilitation.

II. Write notes on:

(8 x 5 = 40)

1. Adaptation for in-coordination.
2. Principles of Administration.
3. Methods of purchasing.
4. What are the supervisory considerations while planning a department?
5. Importance of fire and safety in occupational therapy department.
6. Assessment plan for ADL.
7. Relationship between culture and work.
8. Precaution of vocational activities.

III. Short answers on:

(10 x 2 = 20)

1. Staff development programme.
2. Importance of Referral.
3. What is centralized purchasing?
4. Classification of work.
5. Uses of string diagram.
6. Define Administration.
7. Components of Basic ADL.
8. Define filing.
9. Elements of super vision.
10. Types of Leaders.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER I – ORGANIZATION AND ADMINISTRATION IN OT

Q.P. Code: 786185

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define organization and administration. What are the principles of administration? Explain the functions of management. Outline the purpose of organization and administration.
2. What are the safety precautions to be considered with respect to patient and therapist in a neurology occupational therapy unit?

II. Write notes on:

(8 x 5 = 40)

1. Types of documentation of progress notes.
2. Filing.
3. What are the infection control measures to be followed and why?
4. Explain any five effective teaching methods for occupational therapy students.
5. Define work study. Mention the importance of work study to an occupational therapist.
6. Flow process chart.
7. Ergonomics considerations for muscle weakness.
8. Define productivity. What are the factors influencing productivity?

III. Short answers on:

(10 x 2 = 20)

1. Petty cash.
2. Categories of work.
3. Case load management.
4. Deputation.
5. Purchase order.
6. Contents of a referral.
7. Midterm evaluation.
8. Tower.
9. Narrative note.
10. Time study.

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

[LR 6185]

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

Sub.Code : 6185

BOT DEGREE EXAMINATION

(Regulations from 2014-2015 onwards)

FOURTH YEAR

PAPER I – ORGANIZATION AND ADMINISTRATION IN OT

Q.P. Code: 786185

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Mention about the benefits available for Persons with Disabilities
2. Define ergonomics. Describe the scope of ergonomics in Occupational Therapy

II. Write notes on:

(8 x 5 = 40)

1. Write about care of Sharp equipment
2. Supervision
3. Purpose of staff meeting
4. Types of Budgets
5. SMART & SOAP
6. General safety recommendations in the Occupational therapy
7. Vocational assessment form
8. Purchasing

.III. Short answers on:

(10 x 2 = 20)

1. POMR
2. Referral?
3. Flow diagram?
4. Filing
5. Monthly report
6. Leadership
7. Accessibility
8. Training
9. Work pressure
10. Inventory records

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

[BOT 0921]

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

Sub. Code: 6185

BOT DEGREE EXAMINATION

FOURTH YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)

PAPER I – ORGANIZATION AND ADMINISTRATION IN OT

Q.P. Code : 786185

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are the purposes and fundamental elements of documentation? Explain documentation in various aspects of occupational therapy services.
2. Define ergonomics. How ergonomics principles are applied in home making skills for patients with low endurance?

II. Write notes on:

(8 x 5 = 40)

1. Work samples.
2. Principles of Administration.
3. Costing of splints.
4. Explain the types and importance of correspondence in an occupational therapy department.
5. Staff management.
6. Organize a picnic for a group of schizophrenic patients.
7. Analyze the job of a sales person in a textile shop.
8. What is motion analysis? What are the steps involved in motion analysis?

III. Short answers on:

(10 x 2 = 20)

1. List four safety precautions in burns unit.
2. Steps in hand washing technique.
3. Define productivity.
4. List four needs of work.
5. Job Description.
6. Scientific filing.
7. List four components of prevocational assessment.
8. Types of referrals.
9. Care of shoulder wheel.
10. Safety precautions for hemophilia.

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

[BOT 0122]

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

Sub. Code: 6185

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
FOURTH YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER I – ORGANIZATION AND ADMINISTRATION IN OT
*Q.P. Code : 786185***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Considerations for construction of a new occupational therapy department in a 500 bedded multispecialty hospital.
2. Explain the various ergonomics measures to be taken for a software engineer at work site and home.

II. Write notes on:

(8 x 5 = 40)

1. Organize sports competitions for a group of clients with mobility impairments.
2. String diagram.
3. What are the importance of good working conditions? Mention good working condition with respect to lighting.
4. What are the various types of budgets in an occupational therapy department?
5. Care of materials in an occupational therapy department.
6. Plan assessments form for ADL. Briefly mention how to standardize it?
7. VALPAR – work sample.
8. SOAP notes.

III. Short answers on:

(10 x 2 = 20)

1. List four major functions of management.
2. Rumba.
3. Mention the types of records.
4. List any four symbols used in process chart.
5. Inventory.
6. Staff-patient ratio.
7. List four functions of supervisor.
8. Purpose of staff meeting.
9. Four safety precautions to be considered for clients with spinal cord injury.
10. Financial benefits available for the disabled.

[LB 6166]

AUGUST 2012

Sub. Code: 6166

FOURTH YEAR / EIGHTH SEMESTER BOT EXAM

Paper – II OT IN REHABILITATION

Q.P. Code : 786166

Time: Three Hours

Maximum: 100 marks

(180 Min) Answer ALL questions in the same order.

I. Elaborate on:

Pages Time Marks
(Max.)(Max.)(Max.)

- | | | | |
|---|----|----|----|
| 1. Occupational therapy in stroke rehabilitation process. | 19 | 33 | 20 |
| 2. Cognitive rehabilitation of young children with Down syndrome. | 19 | 33 | 20 |

II. Write Notes on:

- | | | | |
|------------------------------------|---|---|---|
| 1. Biomedical rehabilitation. | 3 | 8 | 5 |
| 2. Task analysis. | 3 | 8 | 5 |
| 3. Wallace rule of nines. | 3 | 8 | 5 |
| 4. Energy conservation. | 3 | 8 | 5 |
| 5. Wrist-hand-finger orthoses. | 3 | 8 | 5 |
| 6. Metabolic equivalent (MET). | 3 | 8 | 5 |
| 7. Aquatic therapy. | 3 | 8 | 5 |
| 8. Community based rehabilitation. | 3 | 8 | 5 |

III. Short Answers on:

- | | | | |
|------------------------------|---|---|---|
| 1. Dysarthria. | 1 | 5 | 2 |
| 2. Fight or flight response. | 1 | 5 | 2 |
| 3. Gate control theory. | 1 | 5 | 2 |
| 4. Functional ability skill. | 1 | 5 | 2 |
| 5. Habituation. | 1 | 5 | 2 |
| 6. Romberg sign. | 1 | 5 | 2 |
| 7. Stupor. | 1 | 5 | 2 |
| 8. Torque. | 1 | 5 | 2 |
| 9. Xenograft. | 1 | 5 | 2 |
| 10. Hemiballismus. | 1 | 5 | 2 |

[LC 6166]

FEBRUARY 2013

Sub. Code: 6166

FOURTH YEAR / EIGHTH SEMESTER BOT EXAM

Paper – II OT IN REHABILITATION

Q.P. Code : 786166

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

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Identify techniques used addressing a variety of O.T goals cancer patients according to practice setting.
2. Describe the phases of recovery and focus of O.T intervention for each phase of burn Rehabilitation.

II. Write Notes on:

(8X5=40)

1. Environmental adaptations for visual and auditory handicapped.
2. Mobility device for leprosy diseases.
3. Evidence based practice.
4. Disability evaluation for M.R.
5. Adaptive driving modifications.
6. Philadelphia collar.
7. Work hardening.
8. Bed positioning for right hemiplegia.

III. Short Answers on:

(10X2=20)

1. CPM.
2. Dexterity.
3. Work samples.
4. Total Hip Replacement weight bearing.
5. Leisure activities.
6. Care of prosthesis.
7. Functional classification cardiac disease.
8. Special needs of older adult.
9. FES.
10. Goal directed activities.

[LD 6166]

AUGUST 2013

Sub. Code : 6166

FOURTH YEAR/EIGHTH SEMESTER BOT EXAM

Paper II –OCCUPATIONAL THERAPY IN REHABILITATION

Q.P. Code: 786166

Time: Three hours

Maximum : 100 marks

I. Elaborate on: (2x20 = 40)

1. Explain the disability evaluation for physical condition and mention the legal aspects of compensation of disabled person.
2. Occupational therapy goals for geriatric patients.

II. Write Notes on: (8x5 = 40)

1. Psychological problems faced by physically handicapped
2. Ideal stump
3. Fit principles of splinting
4. Classification of work levels
5. Autonomic dysreflexia
6. Physical capacity evaluation
7. Joint protection techniques
8. Rehabilitation of chronic disabilities in Hansen's disease.

III. Short Answers on: (10x2 = 20)

1. Terminal device
2. Coping skills
3. SACH foot
4. Rule of 9
5. Unilateral neglect
6. Occupational hazards
7. Pressure garments
8. Bradykinesia
9. Swan neck deformity
10. Universal cuff.

FOURTH YEAR/EIGHTH SEMESTER BOT EXAM
Paper II –OCCUPATIONAL THERAPY IN REHABILITATION
Q.P. Code: 786166

Time: Three hours

Maximum : 100 marks

I. Elaborate on: **(2x20 = 40)**

1. Occupational therapy assessment and program for patient with myocardial infarction.
2. Higher cortical function assessment for patient with server head injury.

II. Write Notes on: **(8x5 = 40)**

1. Splints for spasticity
2. Purdue peg board
3. Cognitive problems in dementia
4. Ideal stump
5. Job analysis
6. Functional mobility
7. Social skill training
8. Principles of manual muscle testing

III. Short Answers on: **(10x2 = 20)**

1. Mastectomy
2. Myoelectrical prosthesis
3. Ergonomics
4. Aero plane splint
5. Regression
6. Hypertrophic scare
7. Terminal device
8. Biofeedback
9. Botonnure deformity
10. Leprosy

[LF 6166]

AUGUST 2014

Sub. Code : 6166

**FOURTH YEAR BOT EXAM
PAPER II – OT IN REHABILITATION**

Q.P. Code: 786166

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2x20=40)

1. Psychological reaction of the terminally ill. Describe the OT intervention for a terminally ill cancer patient?
2. Define ergonomics and role of OT in vocational rehabilitation?

II. Write Notes on:

(8x5=40)

1. Architectural barriers.
2. Checkout of a splint.
3. Total hip replacement.
4. Environmental adaption for dementia patient.
5. Glasgow coma scale.
6. Volkmann's contracture.
7. Splinting of peripheral nerve injuries of upper limb.
8. Describe job analysis.

III. Short Answers on:

(10x2=20)

1. Mallet finger
2. Syme's prosthesis
3. Group dynamics
4. Positioning in acute stage of burns
5. Metabolic equivalent
6. Biofeedback
7. Cosmetic hand
8. Braille
9. Dynamic splint
10. Foot drop

[LG 6166]

FEBRUARY 2015

Sub. Code : 6166

**FOURTH YEAR BOT EXAMINATION
PAPER II – OCCUPATIONAL THERAPY IN REHABILITATION**

Q.P. Code: 786166

Time: Three hours

Maximum: 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Principle of hand splinting? Describe four different hand splints and explain their use.
2. Levels of amputation of Upper Extremity and Lower Extremity? Explain Pre prosthetic training for a below elbow amputation.

II. Write notes on:

(8 x 5 = 40)

1. FES
2. Management of odema
3. Mobile arm support
4. Muscle re-education
5. Principles of manual muscle testing
6. Community based rehabilitation
7. Work hardening
8. List equilibrium and non – equilibrium test

III. Short answers on:

(10 x 2 = 20)

1. Ray amputation
2. Braille
3. Tennis elbow
4. Types of CBR? List two principles
5. Safety measures for in co-ordination
6. Micrographia
7. High guard position
8. Leisure
9. Performance components
10. Architectural barrier for geriatric

[LH 6166]

AUGUST 2015

Sub. Code: 6166

B.O.T. DEGREE EXAMINATION

FOURTH YEAR

PAPER II – OCCUPATIONAL THERAPY IN REHABILITATION

Q.P. Code: 786166

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about the occupational therapy assessment and management of Burns.
2. Describe the motor, sensory and functional assessment of hand.

II. Write notes on:

(8 x 5 = 40)

1. Stump care.
2. Domains of activities of daily living.
3. Evidence based practice.
4. Client centered therapy.
5. Discuss the materials used in splinting unit.
6. OT management for pain.
7. Rancho los amigo scale.
8. Oro motor assessment.

III. Short Answers on:

(10 x 2 = 20)

1. Prehension.
2. Types of rigidity.
3. Claw hand.
4. Aphasia.
5. Adaptive devices.
6. Complications of Amputation.
7. Job analysis.
8. Sensory compensation.
9. Complications of spinal cord injury.
10. Hospice care.

[LI 6166]

FEBRUARY 2016

Sub. Code : 6166

**FOURTH YEAR BOT EXAMINATION
PAPER II – OCCUPATIONAL THERAPY IN REHABILITATION**

Q.P. Code: 786166

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. A 28 year old female, house wife having a one year old child diagnosed as rheumatoid arthritis and developing deformities of hand. Role of OT.
2. Assessment and intervention for a 20 year old young man with partial blindness.

II. Write notes on:

(8 x 5 = 40)

1. Architectural Barrier.
2. TKR (Total knee Replacement).
3. Prosthetic checkout.
4. Design principles of splinting.
5. ADL adaptation for in co-ordination.
6. Make a prevocational evaluation for a patient with hemophilia.
7. Box and block test.
8. Wheelchair measurements.

III. Short answers on:

(10 x 2 = 20)

1. First degree burn.
2. Define Metabolic Equivalent.
3. Functional position of hand.
4. Expressive aphasia.
5. Trigeminal nerve.
6. "Sited dogs".
7. Reflex sympathetic dystrophy.
8. Terminal device.
9. Dysdiadokokinesia.
10. Gout.

[LJ 6166]

AUGUST 2016

Sub. Code : 6166

**FOURTH YEAR BOT EXAMINATION
PAPER II – OCCUPATIONAL THERAPY IN REHABILITATION**

Q.P. Code: 786166

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Deformities in Hansen's disease. Explain muscle reeducation and compensatory techniques.
2. Explain Work simplifications and energy conservation techniques, how do you apply it for a home maker, diagnosed having limb girdle muscular dystrophy who is in the ambulant stage?

II. Write notes on:

(8 x 5 = 40)

1. Evidence based practice.
2. Burn stages of Arm and Hand.
3. Principles of Bio-feedback.
4. Autonomic dysreflexia.
5. Scar management.
6. Pain management in cancer patients.
7. Writer's cramp.
8. Prevention of falls in old age.

III. Short answers on:

(10 x 2 = 20)

1. Wernicke's Aphasia.
2. Shoulder hemi-sling.
3. Muscles of thenar eminence.
4. Confused Agitated.
5. Zone of partial preservation.
6. SACH FOOT.
7. Types of rigidity.
8. Donning UL prosthesis.
9. Braille.
10. Dystonia.

[LK 6166]

FEBRUARY 2017

Sub. Code : 6166

**BOT DEGREE EXAMINATION
FOURTH YEAR
PAPER II – OCCUPATIONAL THERAPY IN REHABILITATION**

Q.P. Code: 786166

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the OT management in enhancing the upper extremity voluntary control after Stroke. Explain the other adjuvant therapies that the OT's can use for hand rehabilitation in Stroke.
2. Explain in detail the Upper Extremity Disability evaluation.

II. Write notes on:

(8 x 5 = 40)

1. Psychological reactions of a patient with severe physical disability.
2. Footwear modification.
3. Cognitive rehabilitation.
4. Splinting for upper extremity peripheral nerve injuries.
5. Factors determining wheel chair prescription.
6. Management for low back pain.
7. Adaptations for a patient with Rheumatoid arthritis.
8. International Classification of Functioning (ICF).

III. Short answers on:

(10 x 2 = 20)

1. Tennis elbow splint,
2. Metabolic equivalent.
3. Auto-amputation.
4. Indication for Ankle foot orthosis.
5. Vocational evaluation.
6. Carpal Tunnel syndrome.
7. Vegetative state.
8. Orthostatic hypotension.
9. Features of Ideal stump.
10. Mallet finger.

[LL 6166]

AUGUST 2017

Sub. Code : 6166

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2013-2014 onwards)
FOURTH YEAR
PAPER II – OCCUPATIONAL THERAPY IN REHABILITATION

Q.P. Code: 786166

Time: Three hours

Maximum: 100 Marks

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

1. What is Community Based Rehabilitation (CBR)? Describe the various components of CBR.
2. Explain the Rehabilitation of below elbow amputation on the dominant side.

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

1. Hand deformities in Rheumatoid Arthritis.
2. Role of OT in Cardiac Rehabilitation.
3. Pre-Prosthetic training for upper limb amputation.
4. Palliative care.
5. Functional electrical stimulation.
6. Upper extremity work related Musculo-skeletal Disorders (MSDs).
7. Adaptive aids for a person with severe hemiparesis.
8. Community reintegration.

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

1. Rogerian therapy.
2. Components of International Classification of Functioning (ICF).
3. Indication for mobile arm support.
4. Splint for claw finger deformity.
5. Milwaukee brace.
6. Mention any two joint protection techniques for Hemophilia.
7. Disability percentage for paraplegia and hemiplegia.
8. Pre-vocational assessment.
9. Constraint Induced Movement Therapy (CIMT).
10. Locked-in-syndrome.

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

[LM 6166]

FEBRUARY 2018

Sub. Code : 6166

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2013-2014 onwards)
FOURTH YEAR
PAPER II – OCCUPATIONAL THERAPY IN REHABILITATION

Q.P. Code: 786166

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What is community reintegration? Describe various aspects of community reintegration. Explain the role of OT in reintegrating a person with T6 complete Spinal Cord injury.
2. Describe the various hand deformities in Rheumatoid Arthritis. Explain the role of OT in Rehabilitating a computer professional with Rheumatoid Arthritis.

II. Write notes on:

(8 x 5 = 40)

1. Management of shoulder hand syndrome.
2. Disability evaluation for upper limb amputations.
3. Bio-feedback for hand Rehabilitation after stroke.
4. Role of OT in Geriatrics.
5. OT for pain management.
6. Client centered therapy in OT.
7. OT for visual impairment.
8. Environmental control units.

III. Short answers on:

(10 x 2 = 20)

1. Bobath sling.
2. Rigidity.
3. Ape thumb deformity.
4. Total claw hand.
5. Terminal device.
6. Trigger finger.
7. Types of mobility aids.
8. Long handled Reacher.
9. Tenodesis grasp.
10. Autonomic dysreflexia.

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

[LN 6166]

AUGUST 2018

Sub. Code : 6166

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER II – OCCUPATIONAL THERAPY IN REHABILITATION

Q.P. Code: 786166

Time: Three hours

Maximum: 100 Marks

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

1. Explain the occupational therapy assessment and management for second degree Burns.
2. Describe the Occupational therapy management for 40 years old patient after Coronary Artery Bypass Grafting.

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

1. Computer adaptations for visually impaired.
2. Metabolic equivalent test.
3. Phantom limb sensation.
4. Biomechanical principles of splinting.
5. Work simplification techniques for cardiac patient.
6. Electromyography on muscle re-education.
7. Environmental modifications for person with dementia.
8. Sensory reeducation techniques for leprosy.

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

1. What is cosmetic hand?
2. Braille.
3. Define Therapeutic Activities.
4. Rule of Nine.
5. Indications of Aero plane splints.
6. Mono filaments.
7. CBR Team members.
8. Types of Prehensions.
9. Define Leisure.
10. Types of Rigidity.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER II – OCCUPATIONAL THERAPY IN REHABILITATION

Q.P. Code: 786166

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the process of Community Based Rehabilitation. Compare the difference between Community Based Rehabilitation and Institution Based Rehabilitation.
2. Describe the role of Occupational Therapy for 60 year old female with Osteoarthritis.

II. Write notes on:

(8 x 5 = 40)

1. Endurance training protocol for Rheumatoid arthritis.
2. Low cost aids in Community based rehabilitation.
3. Role of Occupational Therapy in Acute Phase of cardiac Rehabilitation.
4. Recliners and tilt mechanism in wheel chair.
5. Manual versus powered wheel chairs.
6. Pre Prosthetic Training for Below Elbow Amputation.
7. Cognitive Remediation for Dementia.
8. Functional Capacity Evaluation.

III. Short answers on:

(10 x 2 = 20)

1. Performance components.
2. Indications of Ankle Foot Orthosis.
3. Wernick's Aphasia.
4. Shymes Prosthesis.
5. Hypertrophic Scar.
6. Complications of Spinal cord injury.
7. Mallet Finger.
8. SACH Foot.
9. Functional position of Hand.
10. Types of Terminal Devices.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER II – OCCUPATIONAL THERAPY IN REHABILITATION

Q.P. Code: 786166

Time: Three hours

Maximum: 100 Marks

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

1. Describe the role of occupational therapy in cancer Rehabilitation.
2. Discuss the occupational therapy management for patient with total claw hand due to leprosy.

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

1. Prosthetic check out.
2. Joint protection techniques for Rheumatoid Arthritis.
3. Falls prevention in elders.
4. Hospice care.
5. Environmental control unit.
6. Community reintegration.
7. Steps in Evidence Based Practice.
8. Client centered therapy.

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

1. Define Unconditional Positive Regard.
2. What is appraising the evidence?
3. What is least Restrictive environment?
4. What is work hardening?
5. Define praxis.
6. Uses of universal cuff.
7. CBR Team members.
8. What is top down approach?
9. What is object permanence?
10. What is Empathy?

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER II – OCCUPATIONAL THERAPY IN REHABILITATION

Q.P. Code: 786166

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are Architectural Barriers? Discuss modification of a home for a lady on a wheelchair to make it free of barriers.
2. Discuss the occupational therapy intervention for a 45 year old man post Myocardial Infarction.

II. Write notes on:

(8 x 5 = 40)

1. Hand function test for dexterity.
2. Discuss Activity limitation and Participation restriction with examples.
3. Occupational therapy for Geriatric patients with Dementia.
4. Wheelchair Transfers.
5. Occupational therapy intervention for patients with cancer in the terminal stage.
6. Joint protection techniques.
7. Occupational therapy intervention for sensory compensation in Hansen's disease.
8. Activities of daily living adaptations for a person with total blindness.

III. Short answers on:

(10 x 2 = 20)

1. Working Memory.
2. Name any two Orthoses for the cervical region.
3. Any two uses of Environmental Control units.
4. Any two splints acting on the wrist.
5. Job analysis.
6. Differentiate Habilitation and Rehabilitation.
7. Carpal tunnel syndrome.
8. Pressure garments.
9. Any two indications of Biofeedback.
10. Boutonniere deformity.

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

[LR 6166]

DECEMBER 2020
(AUGUST 2020 EXAM SESSION)

Sub. Code : 6166

BOT DEGREE EXAMINATION
(Regulations from 2010-2011 onwards)
FOURTH YEAR
PAPER II – OCCUPATIONAL THERAPY IN REHABILITATION

Q.P. Code: 786166

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain various aspects of Home Evaluation. Describe various Architectural Barriers and its modification for a Wheel Chair bound Male patient.
2. Describe Burns and its classification based on its severity. Explain the role of O.T in a 20 yrs old female patient with Bilateral Upper Extremity and Chest burns.

II. Write notes on:

(8 x 5 = 40)

1. Principles of Oral feeding.
2. Advantages and Disadvantages of Myo electric Prothesis.
3. Principles of Energy Conservation.
4. Cogniture training for Older patients.
5. Leisure Skills training in terminally ill patient.
6. Activity Gradation in Cardiac Patients.
7. Sheltered Work Shops.
8. Disability evaluation for upper extremity.

III. Short answers on:

(10 x 2 = 20)

1. Trigger Finger.
2. Modified Moberg pick up test.
3. Milwaukee Brace.
4. Tenodesis Grasp.
5. Desensitization.
6. Mobile arm support.
7. Global Aphasia.
8. Performance areas.
9. Pain.
10. Functional Mobility.

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

[BOT 0122]

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

Sub. Code: 6166

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
FOURTH YEAR - (Regulations for the candidates admitted on or before the A.Y. 2013-2014)
PAPER II – O.T. IN REHABILITATION
Q.P. Code : 786166**

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Hand functions assessment in patients with Burns.
2. Prevocational Evaluation for a sixteen year old boy with intellectual Disability (Mental Retardation).

II. Write notes on:

(8 x 5 = 40)

1. Environmental modification for the Elderly.
2. Wheelchair adaptations for a Hemiplegic patient.
3. Evidence Based Practice.
4. Role of Occupational Therapy in the various stages of Cancer.
5. Assessment and intervention for impairment in Visuo Spatial skills.
6. Scales for Play assessment.
7. Any five common Architectural barriers in the public places.
8. Occupational therapy intervention for Dyspnea.

III. Short answers on:

(10 x 2 = 20)

1. Pathophysiology of Swan Neck deformity.
2. Pre requisites for Wheelchair Transfers.
3. Two uses of Functional Electrical Stimulation.
4. Cortical Blindness.
5. Differentiate Dynamic and Static Splints.
6. Management of Neuritis.
7. Digit Span test.
8. Occupational hazards affecting the Lungs.
9. Any two Standardized assessment for Cognitive Perceptual functions.
10. Any two advantages of Community Based Rehabilitation.

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

[LN 6186]

AUGUST 2018

Sub. Code : 6186

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER II – OT IN REHABILITATION

Q.P. Code: 786186

Time: Three hours

Maximum: 100 Marks

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

1. Identify techniques used addressing a variety of occupational therapy goals in cancer patients according to practice setting.
2. Occupational therapy goals for geriatric conditions.

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

1. Metabolic equivalent (MET).
2. Dysphagia assessment.
3. Evidence based practice.
4. Disability evaluation of upper extremity.
5. Bed positioning for right hemiplegia.
6. Psychological reactions faced by physically handicapped.
7. Purdue Peg board.
8. Treatment planning and primary effects of thermotherapy.

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

1. Fludiotherapy.
2. Stupor.
3. Gate control theory.
4. Dexterity.
5. Coping skills.
6. Pressure garments.
7. Biofeedback.
8. Functional ambulation.
9. Systematic occupational therapy practice model (SOTP).
10. Parameter of electrical stimulation device.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER II – OT IN REHABILITATION

Q.P. Code: 786186

Time: Three hours

Maximum: 100 Marks

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

1. Explain the principles of splinting? Describe any four hand splints and explain their uses.
2. Describe the occupational therapy program for a patient after cardiac surgery following myocardial infarction.

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

1. Comprehensive driver evaluation in driver rehabilitation.
2. Terminal illness.
3. Architectural barriers.
4. Augmentative and alternative communication.
5. Occupational therapy management for pain.
6. Cryotherapy.
7. Sheltered workshops.
8. Transcutaneous electrical nerve stimulation.

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

1. Goal directed activities.
2. Occupational hazards.
3. Any four indications for group therapy.
4. Braille.
5. Use of thermotherapy.
6. Hospice care.
7. Therapeutic ultra sound.
8. Validity.
9. Altered sensorium.
10. Haemophillia.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER II – OT IN REHABILITATION

Q.P. Code: 786186

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Higher cortical function assessment and management for patient with severe Head injury.
2. Describe the occupational therapy Rehabilitation of a 52 years old man who has undergone a Coronary Artery Bypass Graft surgery.

II. Write notes on:

(8 x 5 = 40)

1. Anti-spastic splints.
2. Oral hygiene in dysphagia.
3. Disability evaluation of lower extremity.
4. Work hardening.
5. Principles of electrotherapy.
6. Management of odema.
7. Oro-motor assessment.
8. Box and Block test.

III. Short answers on:

(10 x 2 = 20)

1. Fight or flight response.
2. Dysarthria.
3. Reliability.
4. Work samples.
5. Universal cuff.
6. Regression.
7. Micrographia.
8. Hot packs paraffin.
9. Complications of amputation.
10. Electrotherapy.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER II – OT IN REHABILITATION

Q.P. Code: 786186

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail the causes and intervention for motor and sensory issues in feeding.
2. CBR, enumerate the difference between CBR and IBR and discuss the role of an occupational therapist in CBR program.

II. Write notes on:

(8 x 5 = 40)

1. Importance of Disability evaluation.
2. Advantages of client centered practice.
3. Principles of biofeedback.
4. Work simplification techniques for Cardiac patients.
5. In-hand manipulation skills.
6. Thermal modalities in pain management.
7. Environmental adaptation for auditory impairment.
8. Architectural barriers.

III. Short answers on:

(10 x 2 = 20)

1. Types of hearing loss.
2. Phantom limb sensation.
3. Types of electrodes in EMG.
4. Metabolic equivalent.
5. Rigidity and its types.
6. SACH foot.
7. What is pes planus?
8. Types of mobility aids.
9. Define leisure.
10. Indications of powered wheelchair.

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

[LR 6186]

DECEMBER 2020
(AUGUST 2020 EXAM SESSION)

Sub. Code : 6186

BOT DEGREE EXAMINATION
(Regulations from 2014-2015 onwards)
FOURTH YEAR
PAPER II – OT IN REHABILITATION

Q.P. Code: 786186

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What is CVA & its major causes. Explain the role of O.T in assessment and setting goal, planning & treatment for 25 yr old male with Rt.Hemiplegia.
2. Explain in detail about the Occupational therapy, assessment and management of patient with Haemophilia.

II. Write notes on:

(8 x 5 = 40)

1. Various methods of Wheel Chair maintenance.
2. Role of Occupational Therapy in Acute Cardiac Patients.
3. Ergonomics at Work Place.
4. AD & Adaptations for Low Vision.
5. Work Hardening.
6. Management of Dysphagia.
7. Principles of Electro myo graphic Biofeed back.
8. Thumb Spica and Resting hand splint.

III. Short answers on:

(10 x 2 = 20)

1. Compression Garments.
2. Community Re integration.
3. Minerva Jacket.
4. Keloid Scar.
5. Symes Amputation.
6. Osteoporosis of disuse.
7. Rebound Phenomenon.
8. Localized Response.
9. Precision.
10. Foot deformities.

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

[BOT 0921]

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

Sub. Code: 6186

**BOT DEGREE EXAMINATION
FOURTH YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER II – OT IN REHABILITATION
*Q.P. Code : 786186***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Occupational therapy assessment and program for patient with CAPG.
2. Psychological reaction of the terminally ill. Describe the OT intervention for a terminally ill patient?

II. Write notes on:

(8 x 5 = 40)

1. Principles in application of Biofeedback.
2. International classification of function.
3. Occupational therapy management for Cumulative trauma disorder.
4. Reconstructive surgery and muscle re-education in Hansen's disease.
5. Motor relearning programming.
6. Sensory Diet.
7. Stress management techniques.
8. Mechanical principles of Hand splinting.

III. Short answers on:

(10 x 2 = 20)

1. Spina Bifida.
2. Sheltered workshop.
3. Token economy.
4. Sensory recovery gradings.
5. Define Quality of life.
6. Measurement of Pain.
7. Goal directed activities.
8. Global aphasia.
9. Mental health.
10. Repression.

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

[BOT 0122]

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

Sub. Code: 6186

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
FOURTH YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER II – O.T. IN REHABILITATION
Q.P. Code : 786186**

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the Stages of Post-Burn healing of Tissues. Explain the rationale of Post Burn Contractures.
2. Role of Occupational therapy in Visual Rehabilitation.

II. Write notes on:

(8 x 5 = 40)

1. Discuss the various aspects of Ideal Ramp.
2. Below Knee Amputation – OT management.
3. Adaptation in wheelchair for Duchenn's muscular dystrophy patients.
4. Role of Occupational therapy in Prosthetic training.
5. Functional Electrical stimulation.
6. Foot care in Leprosy.
7. Wheel chair measurement.
8. Explain the RICE principle.

III. Short answers on:

(10 x 2 = 20)

1. Augmentative Communication.
2. Types of Terminal devices.
3. Allograft.
4. Dysgraphia.
5. What is Reminiscence?
6. Functional position of Hand.
7. What is Habilitation?
8. Principles of Hand splints.
9. Define Hypertrophic scar.
10. Swan Neck deformity.

[LB 6168]

AUGUST 2012

Sub. Code: 6168

FOURTH YEAR / SEVENTH SEMESTER BOT EXAM

REHABILITATION MEDICINE

Q.P. Code: 786168

Time: Three Hours

Maximum: 100 marks

(180 Min) Answer ALL questions in the same order.

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

- | | | | |
|--|----|----|----|
| 1. Discuss the clinical features, evaluation and motor training of a child suffering from spastic diplegia? | 19 | 33 | 20 |
| 2. Discuss the clinical features of a 6 year old boy with Duchenne muscular dystrophy? How will you rehabilitate this child? | 19 | 33 | 20 |

II. Write Notes on:

- | | | | |
|---|---|---|---|
| 1. Foot drop. | 3 | 8 | 5 |
| 2. Autonomic dysreflexia. | 3 | 8 | 5 |
| 3. Architectural barriers. | 3 | 8 | 5 |
| 4. Pre prosthetic training. | 3 | 8 | 5 |
| 5. Cryotherapy. | 3 | 8 | 5 |
| 6. Cerebellar signs. | 3 | 8 | 5 |
| 7. Clinical features of ankylosing spondylitis. | 3 | 8 | 5 |
| 8. Knee Ankle foot Orthosis. | 3 | 8 | 5 |

III. Short Answers on:

- | | | | |
|--|---|---|---|
| 1. Bouttonaire deformity. | 1 | 5 | 2 |
| 2. Paraffin bath. | 1 | 5 | 2 |
| 3. Gastrocnemius muscle. | 1 | 5 | 2 |
| 4. Levels of amputation in upper limb. | 1 | 5 | 2 |
| 5. Risk factors for coronary artery disease. | 1 | 5 | 2 |
| 6. Meralgia paraesthetica. | 1 | 5 | 2 |
| 7. Apraxia. | 1 | 5 | 2 |
| 8. Bell's palsy. | 1 | 5 | 2 |
| 9. Neurogenic claudication. | 1 | 5 | 2 |
| 10. Myofascial trigger points. | 1 | 5 | 2 |

[LD 6168]

AUGUST 2013

Sub. Code : 6168

**FOURTH YEAR / SEVENTH SEMESTER BOT EXAM
REHABILITATION MEDICINE**

Q.P. Code: 786168

Time: Three hours

Maximum : 100 marks

I. Elaborate on: (2x20 = 40)

1. Describe the deformities that occur in the rheumatoid hand and outline it's management.
2. List the potential complications, methods of prevention and management of these complications, in a patient with T10 paraplegia.

II. Write Notes on: (8x5 = 40)

1. Romberg test.
2. Lateral Epicondylitis.
3. Knuckle bender splint.
4. Stump Care.
5. Erbs Palsy.
6. PTB Prosthesis.
7. Autonomous Bladder.
8. Painful arc syndrome.

III. Short Answers on: (10x2 = 20)

1. Bells Phenomenon.
2. Swan neck deformity.
3. Cobb's angle.
4. Define 'impairment' and 'disability'.
5. Name four entrapment neuropathies.
6. Carpal Bones.
7. Compound fracture.
8. Housemaid's knee.
9. Ptosis.
10. Golfers Elbow.

[LE 6168]

FEBRUARY 2014

Sub. Code : 6168

FOURTH YEAR BOT EXAM

Paper IV – REHABILITATION MEDICINE

Q.P. Code: 786168

Time: Three hours

Maximum : 100 marks

I. Elaborate on: (2x20 = 40)

1. Classify cerebral palsy. Describe the rehabilitation of a 06 year old male child with spastic diplegic cerebral palsy.
2. Describe the physiological changes that occur with aging. Explain the causes of falls and measures to prevent falls in the elderly.

II. Write Notes on: (8x5 = 40)

1. Deep vein thrombosis.
2. Circle of Willis.
3. Postural Hypotension.
4. Wrist drop.
5. Dementia
6. Muscle tone.
7. Connections of the Cerebellum.
8. Adaptive devices for Rheumatoid hand.

III. Short Answers on: (10x2 = 20)

1. Features of lower motor neuron paralysis.
2. Dermatomes of upper limb
3. Grades of spasticity.
4. Neural pathway of Knee jerk.
5. Motor supply of Median Nerve.
6. Transient Ischaemic attack.
7. Motor reflex.
8. Extra – ocular muscles of the eye.
9. Circumduction gait.
10. Anal reflex.

[LF 6168]

AUGUST 2014

Sub. Code : 6168

**FOURTH YEAR BOT EXAM
PAPER IV – REHABILITATION MEDICINE**

Q.P. Code: 786168

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2x20=40)

1. Enumerate Risk factors for stroke. Discuss in detail about the Rehabilitation Management of left sided Hemiplegia with Hemineglect.
2. Describe the phases of Amputee Rehabilitation. Discuss in detail about Rehabilitation Management of Unilateral Trans humeral Amputee.

II. Write Notes on:

(8x5=40)

1. Interferential therapy.
2. Activities of Daily living Scales.
3. Post polio Syndrome.
4. Total Claw HAND.
5. Community based Rehabilitation.
6. Architectural barriers modification for disabled.
7. Stages of Muscular dystrophy.
8. Orthostatic Hypotension.

III. Short Answers on:

(10x2=20)

1. Impairment and Disability.
2. Multi disciplinary Approach.
3. Glasco Coma Scale.
4. Incentive Spirometry.
5. Botox Injection.
6. Visual Analog Scale.
7. Somi Brace.
8. Cadence.
9. Quadrilateral Socket.
10. Gyon Canal Syndrome.

[LG 6168]

FEBRUARY 2015

Sub. Code : 6168

**FOURTH YEAR BOT EXAMINATION
PAPER IV – REHABILITATION MEDICINE**

Q.P. Code: 786168

Time: Three hours

Maximum: 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. What do you understand by the term 'Rehabilitation Team'? Enumerate the professionals involved in this team and describe their specific roles as members of the rehabilitation team.
2. Discuss the etiology, clinical features, investigations and rehabilitation measures of a 3 years old child suffering from Duchene muscular dystrophy.

II. Write notes on:

(8 x 5 = 40)

1. Milwaukee Brace
2. Neonatal reflexes
3. Post polio syndrome
4. Dynamic Cock up splint
5. Pain modulation
6. Myositis ossificans
7. Common impairments in elderly people
8. Patellar Tendon Bearing (PTB) prosthesis

III. Short answers on:

(10 x 2 = 20)

1. 'ASIA' Grading of Spinal Cord Injury
2. Tennis elbow
3. Broca's aphasia
4. Philadelphia collar
5. Lumbo sacral belt
6. Risk factors for stroke
7. Features of a CTEV Boot
8. Ankle foot orthosis
9. Grading of pressure ulcer
10. Walker

[LH 6168]

AUGUST 2015

Sub. Code: 6168

B.O.T. DEGREE EXAMINATION

FOURTH YEAR

PAPER IV – REHABILITATION MEDICINE

Q.P. Code: 786168

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Define Scoliosis. How will you classify Scoliosis? Discuss in detail the assessment, bracing, therapeutic exercises for a child with Infantile Idiopathic Scoliosis.
2. How will you rehabilitate a mason who has become paraplegic at D10 level?

II. Write notes on:

(8 x 5 = 40)

1. Gait cycle.
2. Features of an ideal stump.
3. Community Based Rehabilitation.
4. Four- poster collar.
5. Rheumatoid hand deformities.
6. DeLorme Progressive Resistance Exercise.
7. Cardio pulmonary changes in the elderly.
8. Clinical psychologist.

III. Short Answers on:

(10 x 2 = 20)

1. SACH foot.
2. Functions of Hand.
3. Foot drop.
4. Various levels of amputation in the lower limb.
5. Tinel's sign.
6. Jaipur foot.
7. Phantom limb pain.
8. Cervical collar.
9. MCR chappal.
10. Finkelstein's test.

[LI 6168]

FEBRUARY 2016

Sub. Code : 6168

**FOURTH YEAR BOT EXAMINATION
PAPER IV – REHABILITATION MEDICINE**

Q.P. Code: 786168

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define the Geriatric age group. What are the physiological changes that occur in the various systems of the geriatric population? Mention the common impairments of this age group and the management.
2. Describe the occupational therapy role in rehabilitating a 35 year old right handed female school teacher with recent right hemiplegia.

II. Write notes on:

(8 x 5 = 40)

1. Deep vein thrombosis.
2. Knee Ankle Foot Orthosis (KAFO).
3. SOMI Brace.
4. Occupational therapist.
5. Medical Social Worker (MSW).
6. Co-ordination exercises.
7. Architectural barriers.
8. Ulnar paradox.

III. Short answers on:

(10 x 2 = 20)

1. Congenital Talipes Equino Varus (CTEV) deformity.
2. Components of a wheel chair.
3. Dysarthria.
4. Ramp.
5. Gower's sign.
6. Osteophyte.
7. Interdisciplinary team.
8. Intrinsic minus deformity.
9. Cerebral palsy types.
10. Froment's sign.

[LJ 6168]

AUGUST 2016

Sub. Code : 6168

**FOURTH YEAR BOT EXAMINATION
PAPER IV – REHABILITATION MEDICINE**

Q.P. Code: 786168

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the role of occupational therapist in rehabilitating a right handed female college student, 6 months back sustained right above Elbow Amputation due to road traffic accident.
2. Do an ergonomic evaluation for a 25 year old computer professional suffering from Rheumatoid Arthritis and suggest appropriate modifications.

II. Write notes on:

(8 x 5 = 40)

1. Mobile arm support.
2. Claw hand deformity.
3. Pressure garments.
4. Myoelectric prosthesis.
5. Architectural barriers at home.
6. Energy conservation technique.
7. Functional electrical stimulation.
8. Techniques for prevention of deformities in Hansen's disease.

III. Short answers on:

(10 x 2 = 20)

1. Jersey finger
2. Functional position of hand
3. Keloid
4. Stubbies
5. Bathing aids
6. Define Spasticity
7. Coping skills
8. Neglect syndrome
9. Festinant gait
10. Rule of nines in burn injury

[LK 6168]

FEBRUARY 2017

Sub. Code : 6168

**BOT DEGREE EXAMINATION
FOURTH YEAR
PAPER IV – REHABILITATION MEDICINE**

Q.P. Code: 786168

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Mention the different levels of amputation in the lower limb. Discuss the rehabilitation of a 30 years old male with Bilateral Above Knee Amputation.
2. What are the phases of Cardiac Rehabilitation? Discuss the steps in Rehabilitation of a 50 yrs old male who has undergone coronary artery bypass surgery.

II. Write notes on:

(8 x 5 = 40)

1. Modified Ashworth's grading of spasticity.
2. Co-ordination exercises.
3. Terminal device.
4. Ultrasound therapy.
5. Clinical features of Rheumatoid Arthritis.
6. Painful arc syndrome.
7. Functional knee brace.
8. Gate theory of pain.

III. Short answers on:

(10 x 2 = 20)

1. Mallet finger.
2. Aphasia.
3. Any two complications of Colle's fracture.
4. Types of walker.
5. Types of massage.
6. Clinical features in Parkinson's disease.
7. Ulnar paradox.
8. What is LASER?
9. Golfer's elbow.
10. High stepping gait.

[LL 6168]

AUGUST 2017

Sub. Code : 6168

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2013-2014 onwards)
FOURTH YEAR
PAPER IV – REHABILITATION MEDICINE

Q.P. Code: 786168

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Enumerate the causes of Brachial Plexus Injury. Describe the clinical features, diagnosis and treatment of Erb's Palsy.
2. What are the complications of Supracondylar Fracture of Humerus? Describe the clinical features and management of Median Nerve Injury.

II. Write notes on:

(8 x 5 = 40)

1. Rotator cuff.
2. Externally powered upper limb Prosthesis.
3. Interferential therapy.
4. Management of Lymphedema.
5. Architectural barriers and modifications for elderly at home.
6. Parts of a wheel chair and modifications for a Paraplegic.
7. Thermoplastics.
8. Community based Rehabilitation.

III. Short answers on:

(10 x 2 = 20)

1. Mention four pathological Gait.
2. Sprint foot.
3. Chopart's Amputation.
4. Tardy ulnar nerve palsy.
5. Knuckle bender splint.
6. Contrast Bath.
7. Volkman's sign.
8. Bionic hand.
9. Romberg's sign.
10. Closed kinetic chain exercises.

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

[LM 6168]

FEBRUARY 2018

Sub. Code : 6168

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2013-2014 onwards)
FOURTH YEAR
PAPER IV – REHABILITATION MEDICINE

Q.P. Code: 786168

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are the complications seen in Burns Victim? Enumerate the occupational therapy intervention in Burns management.
2. Describe the role of occupational therapist in Rehabilitating a 21year old male college student who 3 months back sustained spinal cord injury with neurological level of injury at C7 due to RTA.

II. Write notes on:

(8 x 5 = 40)

1. Social skills training.
2. Socket design for below elbow stump.
3. Pressure ulcer.
4. Autism.
5. Hand deformities in Rheumatoid Arthritis.
6. Orthostatic hypotension.
7. Speech pathologist.
8. Equilibrium and Non-Equilibrium tests.

III. Short answers on:

(10 x 2 = 20)

1. Osteoporosis.
2. Splinting for Radial Club hand.
3. Krukenberg procedure.
4. Pes cavus.
5. Modified Ashworth Scale.
6. Trendelenberg gait.
7. Cozen's test.
8. Dysarthria.
9. Parachute reflex.
10. Effleurage.

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

[LN 6168]

AUGUST 2018

Sub. Code : 6168

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER IV – REHABILITATION MEDICINE

Q.P. Code: 786168

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. How will you Rehabilitate a 45 year old male with bilateral above Elbow Amputation?
2. What is the classification of Cerebral Palsy? Describe the occupational therapy role in rehabilitating a 5 year old male child with Spastic Diplegic Cerebral Palsy.

II. Write notes on:

(8 x 5 = 40)

1. Persons With Disabilities (PWD) Bill and Act.
2. Energy storing prosthetic foot.
3. Club hand.
4. Mobility Aids.
5. Pain Gate theory.
6. Ergonomics.
7. Neurogenic bladder.
8. Mini Mental Status.

III. Short answers on:

(10 x 2 = 20)

1. Dactylitis.
2. Principles for Tendon transfer.
3. Ganglion.
4. Reverse Knuckle bender splint.
5. Measurement of elbow crutch.
6. Equinus deformity.
7. Phalen's test.
8. Apraxia.
9. Balance master.
10. Horner's syndrome.

[LO 6168]

FEBRUARY 2019

Sub. Code : 6168

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER IV – REHABILITATION MEDICINE

Q.P. Code: 786168

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What is the WHO definition of impairment, disability and Handicap? Mention in detail the various approaches in the delivery of Rehabilitation care.
2. How will you Rehabilitate a 40 year old male executive who two months back sustained traumatic brain injury?

II. Write notes on:

(8 x 5 = 40)

1. Vocational counsellor.
2. Syme prosthesis.
3. Purdue Pegboard.
4. Spasticity.
5. CTEV.
6. Functional mobility.
7. Barthel Index.
8. Carpal tunnel syndrome.

III. Short answers on:

(10 x 2 = 20)

1. Intrinsic plus deformity.
2. Cogwheel rigidity.
3. Dynamometer.
4. Kleinert splint.
5. Baker's cyst.
6. Swan neck deformity.
7. Philadelphia collar.
8. Aphasia.
9. Hypertrophic scar.
10. Raynaud's phenomenon.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER IV – REHABILITATION MEDICINE

Q.P. Code: 786168

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Cerebral Palsy. Describe the clinical features and management of a child with Spastic Diplegia.
2. Discuss the predisposing factors, etiology, clinical features and management of Osteoarthritis of Knee. Mention the role of an occupational therapist in Rehabilitation of a patient with Total Knee Replacement.

II. Write notes on:

(8 x 5 = 40)

1. Myofascial pain syndrome.
2. Infra red radiation therapy.
3. Symes amputation.
4. Risk factors for stroke.
5. Frozen shoulder.
6. Bell's Palsy.
7. Mobility aids.
8. Rehabilitation following tendon transfer in wrist drop.

III. Short answers on:

(10 x 2 = 20)

1. Neglect in Hemiplegia.
2. Osteointegrated prosthesis.
3. Moist heat.
4. Automatic bladder.
5. Cervical rib.
6. Medial arch support.
7. Incentive spirometry.
8. Phases of Gait cycle.
9. Continuous passive motion.
10. Klumpke's paralysis.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
PAPER IV – REHABILITATION MEDICINE

Q.P. Code: 786168

Time: Three hours

Maximum: 100 Marks

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

1. Define Down's syndrome. What is the chromosomal defect in Down's syndrome? Elaborate on the details of developmental defects expected in children with Down's syndrome and explain about various Rehabilitation measures for the same.
2. Define Hypoxic Ischemic Encephalopathy. Write a note on early intervention. Elaborate on various Rehabilitation measures in the form of early intervention stage by stage for a child with HIE (Hypoxic Ischemic Encephalopathy.)

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

1. Cane and its importance in geriatric Persons.
2. Architectural Barriers in a Bus Stand/Bus stop.
3. Rehabilitation measures/Approaches to improve swallowing fluids and prevent aspiration in stroke patients.
4. Autonomous bladder.
5. Importance of Crawling during developmental milestones.
6. Rehabilitation approaches to prevent exposure Keratitis (in Facial Palsy).
7. Measurement of parallel bar (Height determination).
8. Ankle Foot Orthosis.

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

1. Tripod.
2. Constraint induced movement therapy.
3. Impairment.
4. Phantom limb pain.
5. Axillary crutch.
6. Static and dynamic orthoses.
7. Clonus.
8. Dupuytren's contracture.
9. Reflex sympathetic dystrophy.
10. Pseudohypertrophy.

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

[LR 1220]

DECEMBER 2020
(AUGUST 2020 EXAM SESSION)

Sub. Code : 6168

BOT DEGREE EXAMINATION
(Regulations from 2010-2011 onwards)
FOURTH YEAR
PAPER IV – REHABILITATION MEDICINE

Q.P. Code: 786168

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Rehabilitation for a Rheumatoid Arthritis patient with Hand Deformities. Name the Hand deformities you know. Explain in detail about Rehabilitation measures you would do to make himself care / ADL Independent.
2. What are the stages during Traumatic Brain injury recovery. Elaborate on the Rehabilitation measures for a patient who was a Carpenter sustained Traumatic Brain injury?

II. Write notes on:

(8 x 5 = 40)

1. Boutonniere deformity.
2. Disability rating scale.
3. Heterotopic Ossification.
4. Plasticity.
5. Wheelchair types, components and importance of its use.
6. PEG Board.
7. Halovest Orthosis.
8. Pre Prosthetic Training in below Elbow Amputation.

III. Short answers on:

(10 x 2 = 20)

1. Glasgow Coma Scale.
2. Frog Splint.
3. Myo electric prosthesis.
4. Phantom Limb sensation.
5. Sensory stimulation.
6. Honey Moon Palsy.
7. Disability.
8. Apraxia.
9. Manual Muscle testing & Muscle grades.
10. Spasticity.

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

[BOT 0122]

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

Sub. Code: 6168

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
FOURTH YEAR - (Regulations for the candidates admitted on or before the A.Y. 2013-2014)
PAPER IV – REHABILITATION MEDICINE
*Q.P. Code : 786168***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Autism. Classify Autism spectrum disorder. Elaborate in detail the various Rehabilitation Interventions and approaches to deal with Autism child.
2. Explain about Burn Storm Motor recovery stages and chart a Rehabilitation schedules for a young stroke patient in stage IV- Brunn storm motor recovery.

II. Write notes on:

(8 x 5 = 40)

1. Types of Communication disorders.
2. Gutter splint.
3. Saturday Night Palsy.
4. Foot drop.
5. Early Intervention.
6. Developmental mile stones (Birth to 3 years).
7. Floor reaction Orthosis.
8. Drooling of Saliva Rehabilitation measures.

III. Short answers on:

(10 x 2 = 20)

1. Quadripod.
2. Bowden's cable.
3. Writer cramp.
4. Goniometer.
5. Clasp Knife Rigidity.
6. Modified Ashworth scale.
7. Activities of daily living.
8. Dinner Fork deformity.
9. Balance board.
10. Active assisted Rom Exercise.

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

[LN 6188]

AUGUST 2018

Sub. Code : 6188

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER IV – REHABILITATION MEDICINE

Q.P. Code: 786188

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the role of occupational therapist in management of Spasticity.
2. Define Gait. Discuss on gait analysis. Enumerate various pathological gaits.

II. Write notes on:

(8 x 5 = 40)

1. Isometric exercises.
2. Tendon transfers in Erb's palsy.
3. Rigidity.
4. Repetitive strain injury.
5. Postural drainage.
6. Above knee prosthesis.
7. Knee Ankle Foot orthosis.
8. Transcutaneous electrical nerve stimulation.

III. Short answers on:

(10 x 2 = 20)

1. De-quervain's.
2. Bell's palsy.
3. Medial arch support.
4. Define posture.
5. Piriformis syndrome.
6. Nerve conduction study.
7. Agnosia.
8. Cognitive rehabilitation.
9. Peripheral neuropathy.
10. Breathing exercises.

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

[LO 6188]

FEBRUARY 2019

Sub. Code : 6188

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER IV – REHABILITATION MEDICINE

Q.P. Code: 786188

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. List the members of Rehabilitation team and discuss the role of each team member in rehabilitation of a young quadriplegic.
2. Discuss the role of occupational therapist in managing behavioural problems in a (Adolescent) Cerebral Palsy child.

II. Write notes on:

(8 x 5 = 40)

1. Isokinetic exercises.
2. Muscle re-education after tendon transfers.
3. Spasticity.
4. Myofascial pain syndrome.
5. Chronic obstructive pulmonary disease.
6. Below knee prosthesis.
7. Ankle foot orthosis.
8. Wheel chair.

III. Short answers on:

(10 x 2 = 20)

1. Tennis elbow.
2. Define Gait.
3. Sciatica.
4. Activities of daily living.
5. Agraphia.
6. Osteoarthritis of knee.
7. Dysphagia.
8. Energy conservation.
9. Environmental barrier.
10. Lymphedema.

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

[LP 6188]

AUGUST 2019

Sub. Code : 6188

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER IV – REHABILITATION MEDICINE

Q.P. Code: 786188

Time: Three hours

Maximum: 100 Marks

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

1. Describe the Rehabilitation protocol for a patient who has undergone a right Total Hip Replacement. Write out a home program for this patient.
2. Describe the etiology and classification of Cerebral Palsy. Outline the clinical features and management of a 02 yrs old child with Spastic Diplegia.

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

1. Glasgow coma scale.
2. Osteoarthritis of the knee.
3. Carpal Tunnel Syndrome.
4. Bell's Palsy.
5. Opponens splint.
6. Foot drop.
7. CTEV (Club Foot).
8. Claw hand.

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

1. Festinant Gait.
2. MRC Grading of Muscle Power.
3. Name the thenar muscles and their nerve supply.
4. Dysdiadochokinesia.
5. Grading of pressure sores.
6. Features of Upper Motor Neuron lesions.
7. Basal Ganglia.
8. Waddling gait.
9. Gowers sign.
10. Grading of spasticity.

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2014-2015 onwards)
FOURTH YEAR
PAPER IV – REHABILITATION MEDICINE

Q.P. Code: 786188

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the physiological changes that occur with aging. Explain the causes of falls and measures to prevent falls in the elderly.
2. Define Scoliosis. Outline the etiology of scoliosis. Describe the management of a ten-year-old girl with Scoliosis.

II. Write notes on:

(8 x 5 = 40)

1. Deep vein thrombosis.
2. Romberg test.
3. Lateral Epicondylitis.
4. Knuckle bender splint.
5. Stump Care.
6. Trophic Ulcer.
7. Fracture disease.
8. Erb's Palsy.

III. Short answers on:

(10 x 2 = 20)

1. Bell's Phenomenon.
2. Dermatomes of upper limb.
3. Cobb's angle.
4. Define 'impairment' and 'disability'.
5. Name four entrapment neuropathies.
6. Carpal Bones.
7. Compound fracture.
8. Housemaid's knee.
9. Ptosis.
10. Golfer's Elbow.

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

[LR 1220]

DECEMBER 2020

Sub. Code : 6188

(AUGUST 2020 EXAM SESSION)

BOT DEGREE EXAMINATION

(Regulations from 2014-2015 onwards)

FOURTH YEAR

PAPER IV – REHABILITATION MEDICINE

Q.P. Code: 786188

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the physiology of micturition. Outline the causes, clinical features and management of Neurogenic bladder.
2. Describe the rehabilitation of a 30 year old male with traumatic D10 paraplegia.

II. Write notes on:

(8 x 5 = 40)

1. ASIA grading of spinal cord injury.
2. Postural hypotension.
3. Terminal devices for Upper Limb Prosthesis.
4. Role of physiotherapist in Rehabilitation team.
5. Gait training in patient with right above Knee Prosthesis.
6. Club foot boot.
7. Brown sequard syndrome.
8. Jaipur foot.

III. Short answers on:

(10 x 2 = 20)

1. Dermatomes of Upper Limb.
2. Dysdiadochokinesia.
3. Claw hand.
4. Upper motor neuron.
5. Classification of Spinal Cord Tumours.
6. Thenar muscles.
7. D-dimers.
8. End feel.
9. Causes of wrist drop.
10. R-J heel.

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

[BOT 0921]

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

Sub. Code: 6188

**BOT DEGREE EXAMINATION
FOURTH YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER IV – REHABILITATION MEDICINE
*Q.P. Code : 786188***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the physiological changes that occur with aging. Explain the causes of falls and measures to prevent falls in the elderly.
2. What do you understand by the term 'Rehabilitation Team'? Enumerate the professionals involved in this team and describe their specific roles as members of the rehabilitation team.

II. Write notes on:

(8 x 5 = 40)

1. Erbs palsy
2. Knuckle bender splint
3. Post polio Syndrome
4. Common impairments in elderly People
5. Architectural barriers
6. Community based Rehabilitation
7. Gait cycle
8. Modified Ashworth's grading of spasticity

III. Short answers on:

(10 x 2 = 20)

1. Aphasia.
2. Bathing aids.
3. Measurement of elbow crutch.
4. Incentive Spirometry.
5. Phantom limb pain.
6. Pamp.
7. Ulnar paradox.
8. Intrinsic plus deformity.
9. Cerebral palsy types.
10. Philadelphia collar.

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

[BOT 0122]

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

Sub. Code: 6188

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
FOURTH YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER IV – REHABILITATION MEDICINE
*Q.P. Code : 786188***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the Theories of Chronic Pain and explain the use of any Two modalities in Pain management.
2. List the potential complications, methods of prevention and management of these complications, in a patient with a T10 Paraplegia.

II. Write notes on:

(8 x 5 = 40)

1. Autonomous Bladder.
2. Circle of Willis.
3. Postural Hypotension.
4. Wrist drop.
5. Adaptive devices for Rheumatoid hand.
6. Muscle tone.
7. Connections of the Cerebellum.
8. Trigeminal Neuralgia.

III. Short answers on:

(10 x 2 = 20)

1. Features of Lower Motor Neuron Paralysis.
2. Swan Neck deformity.
3. Cobb's Angle.
4. Neural pathway of Knee jerk.
5. Motor supply of Median Nerve.
6. Transient Ishaemic attack.
7. Moro reflex.
8. Extra-ocular muscles of the Eye.
9. Circumduction gait.
10. Anal reflex.
