

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. Haemophilia.

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
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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.

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

[BOT 0622]

**JUNE 2022
(FEBRUARY 2022 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 a Comprehensive Rehabilitation program for a 30 year old man with right above elbow amputation.
2. Role of Occupational Therapy in children with Cancer.

II. Write notes on:

(8 x 5 = 40)

1. Home modification.
2. Foot drop.
3. Pressure garments.
4. Cryotherapy.
5. International classification- Functioning.
6. Steps in Evidence Base Practice.
7. Splints used in Rheumatoid Arthritis.
8. Work simplification.

III. Short answers on:

(10 x 2 = 20)

1. What is Syme's amputation?
2. What are the Work samples?
3. Types of Oedema.
4. Cochlear implant.
5. Hemiballismus.
6. Empty Nest Syndrome.
7. Rule of Nine.
8. CBR team members.
9. Care of Prosthesis.
10. What is Empathy and Sympathy?

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

[BOT 1022]

**OCTOBER 2022
(AUGUST 2022 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. Explain about the parts of Wheelchair and Wheelchair Training.
2. Occupational therapy assessment and intervention for Stroke patients.

II. Write notes on:

(8 x 5 = 40)

1. Write about Physical agent modalities.
2. Principles of splinting.
3. Write about Community Reintegration.
4. Write about Functional Independence Measure.
5. Explain Work conditioning.
6. Write about home evaluation.
7. OT management for total hip replacement.
8. Role of OT in Geriatric.

III. Short answers on:

(10 x 2 = 20)

1. Activities of Daily Living.
2. Hypertonicity.
3. Phantom limb.
4. Claw hand.
5. MET value.
6. Terminal device.
7. Universal Cuff.
8. Dyspraxia.
9. Mobile Arm Support.
10. Hemiplegia.

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

[BOT 1123]

**NOVEMBER 2023
(AUGUST 2023 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. Discuss Community reintegration program for a low-level paraplegic patient.
2. Discuss the removal of architectural barriers and use of appropriate adaptive devices in an office for a hemiplegic.

II. Write notes on:

(8 x 5 = 40)

1. Management of phantom limb pain.
2. Client centered therapy.
3. Wheelchair measurement.
4. Principles of electrotherapy.
5. Assistive technologies for children with autism.
6. Psychosocial dysfunctions in cancer patients.
7. Occupational therapy approach to pain.
8. Occupational adaptation model.

III. Short answers on:

(10 x 2 = 20)

1. Altered sensorium.
2. Define Reliability.
3. Quality of life.
4. Intellectual impairment.
5. What is Prosthetics?
6. Define model and approach.
7. What is Dyslexia?
8. Urinary incontinence.
9. Define Contractures.
10. Retrograde amnesia.

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

[BOT 0824]

AUGUST 2024

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:

(2x20 = 40)

1. Explain in detail about disability evaluation process for amputation.
2. Explain about spinal cord injury and Role of Occupational therapist in spinal cord injury rehabilitation process.

II. Write notes on:

(8x5 = 40)

1. What is Job analysis?
2. Write about Phantom limb pain and management.
3. Adaptive devices for Cerebral Palsy children.
4. Explain energy conservation technique.
5. Write about Purdue Pegboard.
6. Write about Cryotherapy.
7. Write about edema management.
8. Explain about Environmental Control Units.

III. Short answers on:

(10 x 2 = 20)

1. Knuckle bender splint.
2. Ergonomics.
3. Amputation.
4. Rule of Nine.
5. Foot Drop.
6. Aphasia.
7. Architectural Barriers.
8. Hypertrophic scar.
9. Micrographia.
10. Dysphagia.

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

[BOT 0225]

FEBRUARY 2025

Sub. Code: 6186

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
FOURTH YEAR - (Regulations for the candidates admitted from 2014-2015 to 2021-2022)
PAPER II – OCCUPATIONAL THERAPY IN REHABILITATION**

Q.P. Code: 786186

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Components of comprehensive driver rehabilitation evaluation.
2. Home and work site modification for a 45 years old bank manager with hemiplegia.

II. Write notes on:

(8 x 5 = 40)

1. Psychological reaction to physical disability.
2. Prevocational assessment.
3. Disability evaluation of upper extremity.
4. Neuro muscular electrical stimulation.
5. Augmentative and alternative communication.
6. Dysphagia management of head and neck cancer.
7. Nine-hole peg test.
8. Cognitive behavioral model.

III. Short answers on:

(10 x 2 = 20)

1. Non oral feeding.
2. Anti-spasticity splinting for hand.
3. Define Fatigue.
4. Creativity in play.
5. Community based rehabilitation.
6. What is Ultra sound?
7. International Classification of Functioning, disability and health (ICF).
8. Whirl pool baths.
9. Functional ambulation.
10. Conditions leading to amputation.

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

[BOT 0825]

AUGUST 2025

Sub. Code: 6186

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
FOURTH YEAR - (Candidates admitted from the academic year 2014-2015 to 2021-2022)
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 Occupational therapy management in enhancing the upper extremity voluntary control after stroke, including the adjuvant therapies that can be used for hand rehabilitation in Stroke.
2. Explain in detail the guidelines and procedures for upper extremity disability evaluation.

II. Write notes on:

(8 x 5 = 40)

1. Importance of Evidence-based practice (EBP) in Occupational therapy.
2. Approaches in cognitive rehabilitation.
3. Splinting for upper extremity peripheral nerve injuries.
4. Factors determining wheelchair prescription.
5. Occupational therapy management for Low back pain.
6. Adaptations for self-care activities for a patient with Rheumatoid arthritis.
7. Define impairment, disability and handicap.
8. List the types of mobility devices used for patients with physical impairments and their indications.

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. Functional capacity evaluation.
6. Carpal Tunnel Syndrome.
7. Unresponsive wakefulness syndrome.
8. Autonomic dysreflexia.
9. Features of ideal stump.
10. Mallet finger.
