

[KO 802]

MARCH 2006

Sub. Code: 9102

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION

FIRST YEAR

(Common to All Branches)

PART – I

**PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)**

Q.P. Code: 419103

Time: Three Hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

I. Elaborate on:

(2 x 15 = 30)

1. Describe application of Biomechanical FOR in Occupational Therapy.
2. Discuss important features to be considered while planning in O.T. department in Neuro rehabilitation centre.

II. Write notes on:

(10 x 5 = 50)

1. Group therapy for persons with Mental Health disorders.
2. Pathomechanics of Swan Neck Deformity and splinting for the same.
3. Neuro developmental principles in Occupational Therapy.
4. ADL Training of a person with Ataxia. Discuss salient features
5. Hand deformities in R.A. Discuss tool modifications.
6. Group therapy for a person with mania.
7. Describe Wheel chair training protocol.
8. Clinical picture of a child with meningo myelocele at L₁ — L₂ level.
9. Energy conservation techniques.
10. Application of Ergonomics in prevention of injuries at work-place.

[KP 802]

SEPTEMBER 2006

Sub. Code: 9102

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION

FIRST YEAR

(Common to All Branches)

PART – I

**PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)**

Q.P. Code: 419103

Time: Three Hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

I. Elaborate on:

1. Discuss the role of Occupational Therapy in promoting self maintenance and independence in patients with physical dysfunctions. **(20)**
2. Discuss rehabilitative frame of reference for 40 year old spinal cord injured house wife last innervated level thoracic eight (T₈). **(15)**
3. Discuss motor relearning programming for a patient with cerebrovascular accident. **(15)**

II. Write notes on:

(6 x 5 = 30)

1. Occupational Therapy in sports.
2. Computer application in Occupational Therapy.
3. Projective techniques.
4. Differentiate occupation from other types of doing.
5. Process of evidence based practice.
6. Chronic obstructive pulmonary disease.

[KQ 802]

FEBRUARY 2007

Sub. Code: 9102

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION

FIRST YEAR

(Common to All Branches)

PART – I

**PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)**

Q.P. Code: 419103

Time: Three Hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

I. Elaborate on:

1. Discuss the role of Occupational Therapy in promoting self maintenance and independence in cardiac conditions. **(20)**
2. Discuss the importance of ergonomics in industrial rehabilitations. **(15)**
3. Discuss how you will use Behavioral frame of reference for a mentally retarded 6 year old boy. **(15)**

II. Write notes on:

(6 x 5 = 30)

1. Hospice care.
2. Affolter's technique.
3. Biofeedback.
4. Community based rehabilitation.
5. Defense mechanism.
6. Differentiate flooding and systematic desensitisation.

[KS 803]

MARCH 2008

Sub. Code: 9103

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION

FIRST YEAR

(Common to All Branches)

PART – I

**PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)**

Q.P. Code: 419103

Time: Three Hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the role of computers in Occupational Therapy, with special emphasis on the management of cognitively impaired individual at the level 4 of Allens cognitive scale.
2. Describe motor relearning programme, how can you create an environment for recovery and learning in stroke rehabilitation mention major environmental factors in rehabilitation.

II. Write notes on:

(10 x 6 = 60)

1. Functional capacity evaluation.
2. Role of EMG Biofeedback in the management of spasticity.
3. Rehabilitation frames of reference.
4. Evidence based practice.
5. Management of dyslexia.
6. Models of community based rehabilitation.
7. Defense mechanism.
8. Hospice care.
9. Differentiate flooding and systematic desensitisation.
10. Biofeedback.

[KT 803]

SEPTEMBER 2008

Sub. Code: 9103

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION

FIRST YEAR

(Common to All Branches)

PART – I

**PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)**

Q.P. Code: 419103

Time: Three Hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

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

1. How are frames of reference important? Elaborate on model of human occupation.
2. Describe strategies for clinical implementation of computer technology in various domains of treatment.

II. Write notes on: (10 x 6 = 60)

1. Affolter's technique.
2. Principles of ergonomics.
3. CBR.
4. Hospice care.
5. Motor learning programme – Goals.
6. Occupational adaptation.
7. Therapeutic use of self.
8. Allens cognitive levels.
9. Biomechanical Frame of reference.
10. Self maintenance.

[KU 803]

MARCH 2009

Sub. Code: 9103

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION

FIRST YEAR

(Common to All Branches)

PART – I

**PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)**

Q.P. Code: 419103

Time: Three Hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

I. Elaborate on:

(2 x 20 = 40)

1. Describe the pathophysiology of the various deformities seen in rheumatoid arthritis.
Discuss the occupational therapy management of a 35 year old house wife with rheumatoid arthritis.
2. Compare and discuss the similarities and differences between motor learning programme and the current concept of neuro development treatment.

II. Write notes on:

(10 x 6 = 60)

1. Role of Occupational Therapy in providing care for the care giver.
2. Behaviour modification techniques for reducing maladaptive behaviour.
3. Indications for use of biofeedback in occupational therapy.
4. Environmental concept units.
5. Spina Bifida.
6. Body mechanics for preventing low back pain.
7. Use of data base in clinical practice.
8. Functional electrical stimulation.
9. Evidence based practice.
10. Chronic obstructive pulmonary disease.

[KV 803]

SEPTEMBER 2009

Sub. Code: 9103

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION

FIRST YEAR

(Common to All Branches)

PART – I

**PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)**

Q.P. Code: 419103

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

I. Elaborate on:

(2 x 20 = 40)

1. List the principles and clinical application of developmental frame of reference.
2. Discuss the components of a community based rehabilitation programme and the role of an occupational therapist in a community based rehabilitation programme.

II. Write notes on:

(10 x 6 = 60)

1. Environmental adaptation.
2. Defense mechanism.
3. Differentiate flooding and systematic desensitization.
4. Affolter's technique.
5. CBR.
6. Occupational adaptation.
7. Allens cognitive levels.
8. Occupational therapy in sports.
9. Computer application in occupational therapy.
10. Projective techniques.

[KW 803]

MARCH 2010

Sub. Code: 9103

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION

FIRST YEAR

(Common to All Branches)

PART – I

**PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)**

Q.P. Code: 419103

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the role of Occupational Therapy in promoting self maintenance and independence in patients with physical dysfunction.
2. Discuss motor relearning programme for a patient with cerebrovascular accident.

II. Write notes on:

(10 x 6 = 60)

1. Therapeutic use of self.
2. Environmental adaptation.
3. Forensic occupational therapy.
4. Hospice care.
5. Biofeedback.
6. Principles of ergonomics.
7. Biomechanical frame of reference.
8. Motor learning programme goals.
9. Functional electrical stimulation.
10. Time allotment in curriculum.

[KX 803]

SEPTEMBER 2010

Sub. Code: 9103

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION

FIRST YEAR

(Common to All Branches)

PART – I

**PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)**

Q.P. Code: 419103

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the application of biomechanical frame of reference in occupational therapy through activities as a medium of intervention.
2. Explain application of cognitive disability frames of reference for head injury clients.

II. Write notes on:

(10 x 6 = 60)

1. Computer application in Occupational Therapy.
2. Sub systems in model of human occupation.
3. Rheumatoid arthritis and its management.
4. Projective techniques.
5. Wellness programs in women with HIV/AIDS.
6. Sensory Diet.
7. Reflective practice.
8. Rhythmic stabilization.
9. Sensory integration.
10. Adaptive devices for patient with muscular dystrophy.

[KY 803]

MAY 2011

Sub. Code: 9103

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION

FIRST YEAR

(Common to All Branches)

PART – I

**PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)**

Q.P. Code: 419103

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

I. Elaborate on:

(2 x 20 = 40)

1. Outline the common sports injuries in the upper limb. Explain the protocols used for shoulder Rehabilitation.
2. Explain the ergonomic solutions and rehabilitation program for a person with chronic low back pain, working as a laborer in a cement factory.

II. Write notes on:

(10 x 6 = 60)

1. Outline the various methods/ tests used to check muscle endurance.
2. Outline an assessment form for testing cardiopulmonary functions of patients.
3. Explain the 4 steps of Motor Relearning Programme.
4. How can Biofeedback help to reduce spasticity?
5. Explain caring for caregiver of an HIV patient.
6. Using Affolter's technique explain the therapy programme for hemi spatial neglect in stroke.
7. Explain the psycho dynamic frame of reference.
8. Sensory integration for Schizophrenics.
9. Neurodevelopmental therapy, facilitatory techniques with examples.
10. Outline the clinical features of Multiple sclerosis and mention two differential diagnosis based on MRI /CT scan and Lab investigations.

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION**FIRST YEAR****(Common to All Branches)****PART – I****PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)****Q.P. Code: 419103****Time: Three Hours****Maximum: 100 marks****Answer ALL questions****Draw suitable diagrams where ever necessary****I. Elaborate on :****Pages Time Marks
(Max.) (Max.) (Max.)**

- | | | | |
|--|----|---------|----|
| 1. Explain what science of Occupation is and why Occupational Therapists use Occupational engagement as a therapeutic means? | 17 | 40 min. | 20 |
| 2. Compare and contrast Neuro developmental frame of reference and Brunstorms Approach in stroke. | 17 | 40 min. | 20 |

II. Write notes on :

- | | | | |
|--|---|---------|---|
| 1. Explain use of computers in cognitive retraining. | 4 | 10 min. | 6 |
| 2. Adapt an house for a Quadriplegic C3, 4 level with environmental control unit and Assistive technology. | 4 | 10 min. | 6 |
| 3. How would you use functional electrical stimulation to develop hand functions in a stroke client? | 4 | 10 min. | 6 |
| 4. Explain the behavioural techniques to be used for impulsivity in children with attention Deficit hyper activity disorder. | 4 | 10 min. | 6 |
| 5. Explain the spiral of continuum in spatio temporal frame of reference. | 4 | 10 min. | 6 |
| 6. Explain the primary locus of dysfunction in schizophrenics using the Model of Human Occupation approach. | 4 | 10 min. | 6 |
| 7. Explain role of family in the palliative stage. | 4 | 10 min. | 6 |
| 8. Explain post surgical therapy program following bilateral below knee amputation. | 4 | 10 min. | 6 |
| 9. Use of evidence based practice in Hand splinting. | 4 | 10 min. | 6 |
| 10. Use of computers in Occupational Therapy. | 4 | 10 min. | 6 |

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION**FIRST YEAR****(Common to All Branches)****PART – I****PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)****Q.P. Code: 419103****Time: Three Hours****Maximum: 100 marks****Answer ALL questions****Draw suitable diagrams where ever necessary****I. Elaborate on :**

Pages (Max.)	Time (Max.)	Marks (Max.)
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- | | | | |
|---|----|---------|----|
| 1. Discuss the Occupational Therapy management for 20 year old lady with cerebellar ataxia using any two relevant approaches. | 17 | 40 min. | 20 |
| 2. Discuss the Occupational Therapy Intervention for a person with alcohol dependence syndrome using Model of Human Occupation. | 17 | 40 min. | 20 |

II. Write notes on:

- | | | | |
|---|---|---------|---|
| 1. Pathophysiology of deformities in fingers in Rheumatoid arthritis. | 4 | 10 min. | 6 |
| 2. Tenodesis grasp and it's uses. | 4 | 10 min. | 6 |
| 3. Use of environmental control units for patients. | 4 | 10 min. | 6 |
| 4. Adaptation of kitchen for a person on a wheelchair. | 4 | 10 min. | 6 |
| 5. Intervention for memory impairment. | 4 | 10 min. | 6 |
| 6. Types of dyspraxia. | 4 | 10 min. | 6 |
| 7. Purposeful activities for upper limb in biomechanical approach. | 4 | 10 min. | 6 |
| 8. Goodman's and Azima's Battery. | 4 | 10 min. | 6 |
| 9. Education of family for Psychiatric conditions. | 4 | 10 min. | 6 |
| 10. Conditions where Sensory integrative therapy is used. | 4 | 10 min. | 6 |

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION**FIRST YEAR****(Common to All Branches)****PAPER III – GENERAL PAPER****(OCCUPATIONAL THERAPY)****Q.P. Code: 419103****Time: Three Hours****Maximum: 100 marks****Answer ALL questions****Draw suitable diagrams where ever necessary****I. Elaborate on :****Pages Time Marks
(Max.) (Max.) (Max.)**

1. Explain the patho physiology of Rheumatoid Arthritis.
Outline investigative procedures done in Rheumatoid Arthritis as relevant to Occupational therapy. Explain use of Biomechanical approach in the subacute phase in R.A. 17 40 min. 20
2. Explain the role of Occupational Therapy in the Management of a 25 years old MBA student seeking for jobs, and who has generalised anxiety disorder. 17 40 min. 20

II. Write notes on :

1. Role of an Occupational therapist in the phase I of cardiac Rehabilitation for a client with myocardial infarction. 4 10 min. 6
2. Lab Investigations & Clinical tests administered in Bronchial asthma & role of Occupational Therapy. 4 10 min. 6
3. Conduct task oriented group for chronic schizophrenic housewives. 4 10 min. 6
4. Role of Occupational Therapy in end-of-life care. 4 10 min. 6
5. Explain the post surgical therapy program following unilateral Hip replacement. 4 10 min. 6
6. Explain use of spatio temporal frame of reference to improve posture in Hemiparetic Clients. 4 10 min. 6
7. Explain use of cognitive behaviour therapy for auditory hallucinations. 4 10 min. 6
8. Role of OT in coordination training for Adults for cerebellar ataxia. 4 10 min. 6
9. Memory Training for Alzhiemers patients. 4 10 min. 6
10. What is Reflective practice? 4 10 min. 6

[LC 803]

APRIL 2013

Sub. Code: 9103

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION

FIRST YEAR

(Common to All Branches)

**PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)**

Q.P. Code: 419103

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Discuss behavioral frame of reference for a 10 year old boy with mental retardation and self injurious behavior.
2. What is Ergonomics? What is its application in Occupational Therapy?

II. Write notes on:

(10 x 6 = 60)

1. Modification toilet for wheel chair use.
2. Mental practice and Variable practice.
3. ADL adaptations for person with joint pain.
4. Rehabilitative Frame of reference.
5. Discuss use of diagonal patterns in PNF for improving hand functions.
6. Discuss inhibition of reflexes using Rood's ontogenic patterns.
7. Conditions where biofeedback can be used.
8. Allen's Cognitive disability levels.
9. Stress management techniques for patients with cardiac conditions.
10. Environmental adaptation for a person with low vision.

[LD 803]

OCTOBER 2013

Sub. Code: 9103

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION

FIRST YEAR

(Common to All Branches)

**PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)**

Q.P. Code: 419103

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Discuss conceptual model of practice in occupational therapy evaluation and treatment.
2. List the basic parts of an ECS and describe two different types of activation and describe seven characteristics considered in selection of an appropriate switch for a client.

II. Write notes on:

(10 x 6 = 60)

1. Define occupation and describe roots of occupational science in Occupational Therapy.
2. Describe procedural reasoning and its advantages.
3. Physiological effects of thermal modalities.
4. Describe the predicted course of return of motor function in stroke patient.
5. Describe theoretical base for Model of Human Occupation FOR.
6. Explain three different life roles and tasks of life roles.
7. Describe the assumptions of bobath approach.
8. Discuss the deficits addressed under Biomechanical FOR.
9. Describe interventional methods to treat maladaptive behavior.
10. Describe the goals of early and late phase sensory reeducation following peripheral nerve injury.

[LE 803]

APRIL 2014

Sub. Code: 9103

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION

FIRST YEAR

(Common to All Branches)

**PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)**

Q.P. Code: 419103

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Describe Adam's closed loop theory.
2. Discuss how the assumptions of the contemporary task oriented approach influence evaluation and treatment.

II. Write notes on:

(10 x 6 = 60)

1. Discuss how general subsystem theory is used in occupational science.
2. Describe the function continua in behavioral frames of reference.
3. Define cognitive rehabilitation. How is it different from cognitive remediation?
4. Briefly describe the parameters affect the strength of an electrical stimulus required to depolarize a nerve.
5. Describe in briefly occupational adaptation concept.
6. Describe four steps of motor relearning program.
7. Discuss the major premise and principles of rood approach.
8. Describe the strategies used in complex ADL treatment.
9. Discuss the difference between an alternate key board and an on-screen keyboard.
10. Discuss the level of evidence based practice.

[LF 803]

OCTOBER 2014

Sub. Code: 9103

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION

FIRST YEAR

(Common to All Branches)

**PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)**

Q.P. Code: 419103

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. What are the common cumulative trauma disorders?
Explain ergonomic programme for a sedentary worker with chronic low back pain.
2. Explain the spatiotemporal adaptation frame of reference in context of a Hemiparetic client.

II. Write notes on:

(10 x 6 = 60)

1. Explain reasoning and reflex ion in clinical practice.
2. What does SABRES mean in cardiac rehabilitation?
3. Occupational science - explain.
4. Fit Principles of Hand splinting.
5. Methods of evaluation in psychiatric conditions.
6. Balance training in children with seizure disorder using NDT approach.
7. Standardized work assessment scales.
8. FES in retraining hand and wrist function in stroke.
9. Fall prevention program for elderly.
10. Prescribe assistive and adaptive devices for C3-4 Quadriplegic.

[LG 803]

APRIL 2015

Sub. Code: 9103

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION

FIRST YEAR

(Common to All Branches)

**PAPER III – GENERAL PAPER
(OCCUPATIONAL THERAPY)**

Q.P. Code: 419103

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the rehabilitation management of a 3 year old girl with lumbar meningomyelocele.
2. Describe the various phases of Cardiac Rehabilitation following myocardial infarction.

II. Write notes on:

(10 x 6 = 60)

1. Occupational Therapy in sports.
2. Defence mechanisms.
3. Environmental control systems.
4. Palliative care.
5. Client centered practice.
6. Discuss the De Lorme protocol.
7. Rotator cuff injury.
8. Trendelenberg gait.
9. Patellar tendon bearing socket.
10. List the Brunnstorm's stages of recovery in stroke.

[LH 803]

OCTOBER 2015

Sub. Code: 9103

M.O.T. DEGREE EXAMINATION
(Common to all Branches)
FIRST YEAR
PAPER III – GENERAL PAPER (OCCUPATIONAL THERAPY)

Q.P. Code : 419103

Time : Three hours

Maximum : 100 marks

I. Elaborate on :

(2 x 20 = 40)

1. Explain the frame of reference on which environmental control units is based. Types of interfaces and use of environmental control units for chronic care of Motor neuron disease.
2. What is a model, approach and frame of reference? Explain in detail the occupational adaptation frame of reference.

II. Write notes on :

(10 x 6 = 60)

1. Functional capacity evaluation in a client with low back pain.
2. Mention major environmental factors in stroke rehabilitation.
3. Self maintenance training in Alzheimer's disease.
4. Part practice and whole practice - discuss.
5. Mechanical principles of Hand splinting.
6. Cognitive and perceptual training in stroke using Afolter's approach.
7. Caring for the care giver.
8. Use of data base in clinical practice.
9. Indications for use of sensory integrative approach in clinical practice.
10. Goals and treatment in stage I of Allen's cognitive level.

[LI 803]

APRIL 2016

Sub. Code: 9103

M.O.T. DEGREE EXAMINATION
(Common to all Branches)
FIRST YEAR
PAPER III – GENERAL PAPER (OCCUPATIONAL THERAPY)

Q.P. Code : 419103

Time : Three hours

Maximum : 100 Marks

I. Elaborate on :

(2 x 20 = 40)

1. What is Task Oriented Group? Indications for use of Task Oriented Groups in clients with Mental illness. Explain with an example.
2. Outline the common sports injuries in the Upper limbs. Explain the Protocols used for shoulder Rehabilitation.

II. Write notes on :

(10 x 6 = 60)

1. Clinical test and lab investigations required for diagnosing Down's syndrome.
2. Evidence based practice.
3. Post operative therapy for flexor tendon injury.
4. Clinical signs and symptoms of Hip dislocation.
5. Role of Occupational Therapy in end of life care.
6. Sub systems of occupation.
7. Family therapy.
8. Classification of sensory integration dysfunction.
9. Recent therapeutic techniques for neuro clients.
10. Projective techniques.

[LJ 803]

OCTOBER 2016

Sub. Code: 9103

M.O.T. DEGREE EXAMINATION
(Common to all Branches)
FIRST YEAR
PAPER III – GENERAL PAPER (OCCUPATIONAL THERAPY)

Q.P. Code : 419103

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the principles of Pulmonary rehabilitation in a patient of COPD. (Chronic Obstructive Pulmonary Disease).
2. Discuss the Behaviour therapy techniques in the management of Attention Deficit and hyperactivity Disorder.

II. Write notes on:

(10 x 6 = 60)

1. Explain biofeed back and its clinical applications.
2. Projective techniques.
3. Environmental control systems.
4. Hospice care.
5. Describe the biomechanics of floor reaction orthosis and mention indication of its use.
6. Computer applications in occupational therapy.
7. Rehabilitation Frame of Reference.
8. Childhood Autism Rating Scale.
9. Work samples.
10. List the Brunnstorm's stages of recovery in stroke.

[LK 803]

MAY 2017

Sub. Code: 9103

M.O.T. DEGREE EXAMINATION
(Common to all Branches)
FIRST YEAR
PAPER III – GENERAL PAPER (OCCUPATIONAL THERAPY)

Q.P. Code : 419103

Time : Three hours

Maximum : 100 Marks

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

1. What are environmental control units? Outline the Models of practice on which ECUs are based and explain use of High technology to Rehabilitate a quadriplegic patient.
2. Discuss conceptual model of practice in occupational therapy evaluation and treatment.

II. Write notes on: **(10 x 6 = 60)**

1. Define occupation and describe roots of occupational science in Occupational Therapy.
2. Describe procedural reasoning and its advantages.
3. Physiological effects of splints and orthosis.
4. Discuss the factors responsible for differential diagnosis in stroke patient.
5. Describe theoretical base for Model of Human Occupation FOR.
6. Use of robotics in Neuro Rehabilitation.
7. Describe the assumptions of Biomechanical therapy approach.
8. Discuss principles of PNF.
9. Discuss palliative care for cancer patients.
10. Describe the goals of early and late phase sensory re-education following peripheral nerve injury.

[LL 803]

OCTOBER 2017

Sub. Code: 9103

M.O.T. DEGREE EXAMINATION
(Common to all Branches)
FIRST YEAR
PAPER III – GENERAL PAPER (OCCUPATIONAL THERAPY)

Q.P. Code : 419103

Time : Three hours

Maximum : 100 Marks

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

1. Explain the neurophysiology of Sensory Integration. What are the symptoms presented by children with Downs syndrome related to sensory issues?
2. Discuss how the assumptions of the contemporary task oriented approach influence evaluation and treatment?

II. Write notes on: **(10 x 6 = 60)**

1. Discuss how general subsystem theory is used in occupational science?
2. Describe the function continua in Bobath approach.
3. Explain the spatiotemporal adaptation frame of reference in context of children with cerebral palsy.
4. Occupational therapy management of Lymphedema in post mastectomy and post chemotherapy patients.
5. Describe briefly the concept of occupational adaptation.
6. Mechanical principles of splinting.
7. Discuss the major premise and principles of rood approach.
8. Role of occupational therapist for 12 year child with conversion disorder.
9. Discuss the difference between an alternate key board and an on-screen keyboard.
10. Outline assessment tools for handwriting.

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

[LM 803]

MAY 2018

Sub. Code: 9103

M.O.T. DEGREE EXAMINATION

(Common to all Branches)

FIRST YEAR

PAPER III – GENERAL PAPER (OCCUPATIONAL THERAPY)

Q.P. Code : 419103

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the application of Bio-mechanical frame of reference in occupational therapy through activities as a medium of intervention.
2. Explain application of cognitive disability frames of reference for Head injury clients.

II. Write notes on:

(10 x 6 = 60)

1. Computer application in occupational therapy.
2. Sub systems in model of human occupation.
3. Rheumatoid arthritis and its management.
4. Projective techniques used by occupational therapists.
5. Wellness programs in women with HIV/AIDS.
6. Sensory Diet-types and activities for a day for a 4 yr old child with autism.
7. Reflective practice.
8. Motor learning programme – Goals.
9. Spatiotemporal adaptation.
10. Adaptive devices for patient with muscular dystrophy.

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

[LN 803]

OCTOBER 2018

Sub. Code: 9103

M.O.T. DEGREE EXAMINATION

(Common to all Branches)

FIRST YEAR

PAPER III – GENERAL PAPER (OCCUPATIONAL THERAPY)

Q.P. Code : 419103

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Compare and contrast 3 upper extremity functional scales used specifically in assessment of patients with Stroke.
2. Describe the pathophysiology of the various deformities seen in Rheumatoid Arthritis. Describe about the various types of splints and braces that can be prescribed for the deformities.

II. Write notes on:

(10 x 6 = 60)

1. Discuss blocked and random practice.
2. Environmental control units.
3. Forensic occupational therapy.
4. Name diagnostic clinical investigations for TB meningitis.
5. Difference between flooding and systematic desensitization.
6. Principles of ergonomics.
7. Bio-mechanical frame of reference.
8. Adaptive response as per Sensory integration.
9. Functional electrical stimulation.
10. Time allotment in curriculum.

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

[LO 803]

MAY 2019

Sub. Code: 9103

M.O.T. DEGREE EXAMINATION

(Common to all Branches)

FIRST YEAR

PAPER III – GENERAL PAPER (OCCUPATIONAL THERAPY)

Q.P. Code : 419103

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss Behavioral frames of reference and its application for a child with autism.
2. Explain the basic principles and procedures of Proprioceptive Neuromuscular Facilitation (PNF) approach. Describe the application of PNF techniques in stroke rehabilitation.

II. Write notes on:

(10 x 6 = 60)

1. Importance of family centered evaluation and treatment.
2. Themes in hospice occupational therapy.
3. Surgical management of spasticity.
4. Principles of joint protection.
5. Patient's world and its impact on therapy.
6. Work hardening program.
7. Biofeedback.
8. Intervention for performance deficits in feeding.
9. Standardized assessment tools for activities of daily living.
10. Relaxation techniques.

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

[LP 803]

OCTOBER 2019

Sub. Code: 9103

M.O.T. DEGREE EXAMINATION

(Common to all Branches)

FIRST YEAR

PAPER III – GENERAL PAPER (OCCUPATIONAL THERAPY)

Q.P. Code : 419103

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Community Based Rehabilitation (CBR). What are the components of CBR? Explain the process and models of CBR. What is the role of occupational therapist in CBR?
2. Discuss in detail development frames of reference and its application in occupational therapy.

II. Write notes on:

(10 x 6 = 60)

1. Energy conservation techniques.
2. Functional electrical stimulation.
3. Classification of splints.
4. Pain management techniques.
5. Procedural reasoning.
6. Environmental controls.
7. Problem solving skill.
8. Evidenced based practice.
9. Human Activity Assistive Technology model.
10. Occupational therapy management for hydrocephalus in children.

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

[LQ 803]

NOVEMBER 2020
(MAY 2020 SESSION)

Sub. Code: 9103

M.O.T. DEGREE EXAMINATION
(Common to all Branches)
FIRST YEAR
PAPER III – GENERAL PAPER (OCCUPATIONAL THERAPY)

Q.P. Code : 419103

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Outline few theories of Cognition and explain Toghia's approach of Cognitive Rehabilitation.
2. Describe strategies for clinical implementation of computer technology in various domains of treatment in occupational therapy.

II. Write notes on:

(10 x 6 = 60)

1. Functional capacity evaluation in a client with low back pain.
2. Precautions to be taken in bilateral hip joint replacement.
3. Self maintenance training in Alzheimer's disease.
4. Part practice and whole practice - discuss.
5. Mechanical principles of Hand splinting.
6. Role of OT in Chronic obstructive pulmonary disease.
7. Explain mini mental status examination.
8. Use of data base in clinical practice.
9. Classification of sensory integrative dysfunction.
10. Goals and treatment in stage I of Allen's cognitive level.

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

[MOT 0321]

**MARCH 2021
(OCTOBER 2020 EXAM SESSION)**

Sub. Code: 9103

M.O.T. DEGREE EXAMINATION

**(Common to all Branches)
FIRST YEAR**

PAPER III – GENERAL PAPER (OCCUPATIONAL THERAPY)

Q.P. Code : 419103

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write the differences between frames of references, models and approaches in Occupational Therapy. Explain the rehabilitation frame of reference in detail.
2. What is evidence based practice? Describe the application of evidence based practice in Occupational Therapy.

II. Write notes on:

(10 x 6 = 60)

1. Describe the process of Job analysis.
2. What is the scope of Occupational Therapy in sports?
3. Write the challenges in delivering Community based rehabilitation.
4. Write the use of biofeedback in Occupational Therapy.
5. Discuss the role of primary caregivers of patients with chronic illnesses.
6. Adaptation of car for a patient with Ankylosing Spondylitis.
7. OT management for a patient with writer's cramp.
8. Classify the tasks.
9. Strength training using biomechanical frame of reference.
10. Models and approaches for Cognitive rehabilitation.

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

[MOT 0222]

**FEBRUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 9103

**M.O.T. DEGREE EXAMINATION
FIRST YEAR
PAPER III – GENERAL PAPER (OCCUPATIONAL THERAPY)
Q.P. Code : 419103**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Elaborate on neural tube defects and discuss in detail about assessment and Occupational Therapy Management.
2. 25 years old male cricket player underwent Neers Capsuloraphy for the recurrent dislocation of Shoulder joint. Prescribe a planned Occupational Therapy protocol.

II. Write notes on:

(10 x 6 = 60)

1. Spatiotemporal adaptation.
2. Client Centered Practice.
3. Handling techniques.
4. Occupational therapy management for Cardiac conditions.
5. Energy Conservation Techniques.
6. Steps in Motor relearning program.
7. Occupational therapy management for childhood Schizophrenia.
8. Prosthesis – types, parts, comfort and care.
9. Ankle foot orthosis.
10. Pain theories.

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

[MOT 0622]

**JUNE 2022
(MAY 2022 EXAM SESSION)**

Sub. Code: 9103

**M.O.T. DEGREE EXAMINATION
FIRST YEAR (Common to all Branches)
PAPER III – GENERAL PAPER (OCCUPATIONAL THERAPY)
Q.P. Code : 419103**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain different models of pain. Briefly describe the application of psychological model in pain management.
2. Plan Cardiac Rehabilitation program for a patient with Coronary Artery Bypass Graft Surgery.

II. Write notes on:

(10 x 6 = 60)

1. Explain Frames of Reference and its hierarchical components in detail.
2. Discuss about Neuroplasticity and its impact on skill training.
3. What is limb length measurement? Methods of correcting limb length discrepancies.
4. Manual Muscle Power Testing, Procedure and Grades.
5. Work samples.
6. Principles of Ergonomics.
7. Theories and styles of Leisure.
8. Discuss briefly about Frenkle's exercises.
9. Environmental control units.
10. Differentiate occupation from other types of doing.

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

[MOT 0223]

**FEBRUARY 2023
(OCTOBER 2022 EXAM SESSION)**

Sub. Code: 9103

**M.O.T. DEGREE EXAMINATION
FIRST YEAR
PAPER III – GENERAL OCCUPATIONAL THERAPY**

Q.P. Code : 419103

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the role of Occupational Therapy in Schools.
2. What is frame of reference? Describe the Sensory integrative frame of reference.

II. Write notes on:

(10 x 6 = 60)

1. Vocational Assessment.
2. Discuss the family struggles of a child with Cerebral Palsy.
3. Discuss the computer assisted cognitive rehabilitation.
4. Discuss the use of Functional Electrical Stimulation in OT.
5. Discuss the application physical agent modalities in OT.
6. Write the application of ergonomic principles in OT.
7. OT management for a patient with chronic pain.
8. Write the rationale of Contemporary approaches.
9. Discuss the OT role in cardiac rehabilitation.
10. OT and Palliative care.

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

[MOT 0523]

MAY 2023

Sub. Code: 9103

**M.O.T. DEGREE EXAMINATION
FIRST YEAR
PAPER III – GENERAL OCCUPATIONAL THERAPY**

Q.P. Code: 419103

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the retrograde changes after Axonal injury. Briefly describe the importance of occupational therapy at this stage.
2. Explain the concept of Evidence Based Practice. Discuss about Evidence Based Practice for Oral sensory issues of Child with Autism Spectrum Disorder.

II. Write notes on:

(10 x 6 = 60)

1. Examination and evaluation of impaired balance.
2. Classifications of nerve injury and its characteristics.
3. Ergonomics based intervention for person with Osteoarthritis.
4. PRICE Principle.
5. Biomechanics of different treatment methods for Scoliosis.
6. Discuss the mechanisms of Ataxia and assessment methods of Ataxia.
7. Performance patterns in OTPF.
8. Management of Psychogenic Pain.
9. Occupational therapy in Sports.
10. Burnout reactions of caregivers and its management.

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

[MOT 0524]

MAY 2024

Sub. Code: 9103

M.O.T. DEGREE EXAMINATION

FIRST YEAR - (Regulations for the candidates admitted on or before the A.Y. 2021-2022)

PAPER III – GENERAL OCCUPATIONAL THERAPY

Q.P. Code: 419103

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain about Cognitive Disability Frames of Reference in the management of Dementia.
2. Describe about neural plasticity and its importance in recovery of functions.

II. Write notes on:

(10 x 6 = 60)

1. Occupational Deprivation.
2. Cognitive distortions in Generalized anxiety Disorder and its management.
3. Occupational Therapy Assessments and management for Dyslexia.
4. Wheel chair Training protocol for Bilateral above knee amputee.
5. Explain the effects of physical activities on mental health.
6. Environmental control systems.
7. Risk factors for fall among elders.
8. Explain the functional aspects of power grip of a hand.
9. International classification of functioning.
10. Concept of Occupational adaptation.
