

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

SECOND YEAR

(Revised Regulations)

PART – II

BRANCH III – ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS

PAPER II – CLINICAL SPECIALITY - II

Q.P. Code: 419108

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. Briefly explain the Piaget's stages of cognitive development. **(5)**
Explain the theoretical progression of those stages for the children with mental retardation whose mental age is 5 years and chronological age is 12 years. **(5)**
Analyse the general issues and occupational therapy treatment approach alternatives for severe mental retardation. **(10)**
2. Spatio temporal adaptation frame of reference for 10 year old boy with spastic diplegia. Address more on his school functions and home environment. **(15)**
3. Neonatal intensive care unit environment.
Discuss about the assessment and intervention process of an occupational therapist towards high risk babies. **(15)**

II. Write notes on:

(6 x 5 = 30)

1. Is developmental coordination disorder, somato dyspraxia, clumsy child syndrome and Mild motor deficits are the same?
Discuss the occupational therapy assessment and management.
2. Sensory integration dysfunction in autism.
3. Developmental test of visual motor integration.
4. DSM-IV criteria and differentialities for the following pervasive developmental disorders - Discuss.
a) Childhood autism. b) Aspergers syndrome and c) Rett's syndrome.
5. Five differences between norm referenced and criterion referenced assessment with suitable examples.
6. Orthopedic and urological concerns and Occupational Therapy management for the children with meningomyelocele.

[KV 804]

SEPTEMBER 2009

Sub. Code: 9105

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

SECOND YEAR

(Revised Regulations)

PART – II

BRANCH III – ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS

PAPER II – CLINICAL SPECIALITY - II

Q.P. Code: 419108

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

I. Elaborate on:

(2 x 20 = 40)

1. Discuss intervention strategies and approaches for facilitating independence in activities of daily living in children.
2. Describe briefly the various approaches used in occupational therapy for children with cerebral palsy.

II. Write notes on:

(10 x 6 = 60)

1. Intervention for children with communicable impairment.
2. Therapeutic positioning for preterm infants.
3. Intervention for a child with cortical blindness.
4. Role of assistive technology in improving occupational performance.
5. Classification of mobility skills.
6. Parent education for children with attention deficit hyperactivity disorder.
7. Facilitation of brushing teeth in children with tactile defensiveness in the oral area.
8. Early intervention programmes discuss various models.
9. OT treatment of a terminally ill child.
10. Toilet training.

[KW 810]

MARCH 2010

Sub. Code: 9108

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

SECOND YEAR

(Revised Regulations)

PART – II

BRANCH III – ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS

PAPER II – CLINICAL SPECIALITY - II

Q.P. Code: 419108

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

I. Elaborate on:

(2 x 20 = 40)

1. Discuss occupational therapy intervention for children with burn injury.
2. Assessment and intervention for oromotor functions.

II. Write notes on:

(10 x 6 = 60)

1. Dysfunctions in sensory integration.
2. Positioning for infants in neonatal intensive care unit.
3. Psychometric properties of assessment tools.
4. Pauciarticular arthritis.
5. Symbolic play.
6. Occupational therapy goals of intervention for visually impaired child.
7. Visuomotor integration.
8. Handling.
9. Somato praxis.
10. What are neural tube defects?

[KY 810]

MAY 2011

Sub. Code: 9108

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

PART – II

BRANCH III – ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS

PAPER II – CLINICAL SPECIALITY - II

Q.P. Code: 419108

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

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

1. Plan out a detailed OT intervention for an III standard boy, recently diagnosed to have learning disability. Add a note on your role in his school education program.
2. Who are high risk infants? Identify areas of concern for an OT in neonates.
Explain your role in a neonatal ICU. Mention the importance of follow up care and how will you follow the child.

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

1. OT objectives for a child with total blindness. How will you prepare this child for adulthood?
2. OT Management for Down's syndrome.
3. How will you facilitate playfulness in a child?
4. OT management for a child with arthrogryposis.
5. Your role in NICU for a child with NTD.
6. Oro – motor evaluation treatment for CP spastic quadriplegia.
7. Toilet training for a child with autism.
8. Visual motor integration.
9. "Pull out" and inclusion program.
10. Facilitation of work behavior in 13 years old moderate MR children.

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION**SECOND YEAR****PART – II****BRANCH III – ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS****PAPER II – CLINICAL SPECIALITY - II***Q.P. Code: 419108***Time: Three Hours****Maximum: 100 marks****Answer ALL questions****Draw suitable diagrams where ever necessary****I. Elaborate on :**

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

- | | | | |
|--|----|---------|----|
| 1. Plan out occupational therapy manage for a 1 year child diagnosed to have cerebral palsy. The child has delayed motor developments (partial head control and partial sitting), abnormal postural tone. Plan out your program using all possible approaches. Mention recent treatment methods. | 17 | 40 min. | 20 |
| 2. Occupational therapy management of a 3 years old boy with bilateral circumferential burns of forearm and hand. | 17 | 40 min. | 20 |

II. Write notes on :

- | | | | |
|---|---|---------|---|
| 1. Techniques to control impulsive behavior in ADHD. | 4 | 10 min. | 6 |
| 2. Management for thumb sucking. | 4 | 10 min. | 6 |
| 3. Management for congenital hip dislocation (mention surgery also). | 4 | 10 min. | 6 |
| 4. OT management for high risk infants in NICU. | 4 | 10 min. | 6 |
| 5. Role of Occupational Therapy in school for a 10 years old child with Stills disease. | 4 | 10 min. | 6 |
| 6. Non- directive play for a child with child abuse. | 4 | 10 min. | 6 |
| 7. Group therapy for LD children. | 4 | 10 min. | 6 |
| 8. Handling a spastic cerebral palsy child during ADL. | 4 | 10 min. | 6 |
| 9. OT Management for a child with AIDS. | 4 | 10 min. | 6 |
| 10. Mobility training in visual impairment. | 4 | 10 min. | 6 |

MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION**SECOND YEAR****PART – II****BRANCH III – ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS****PAPER II – CLINICAL SPECIALITY - II***Q.P. Code: 419108***Time: Three Hours****Maximum: 100 marks****Answer ALL questions****Draw suitable diagrams where ever necessary****I. Elaborate on :**

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

- | | | | |
|---|----|---------|----|
| 1. Structure an OT intervention program for a 4 years old preschooler diagnosed to have autism. This boy is living with his typically developing twin brother and parents. Add a brief note on various therapies available for autism management. | 17 | 40 min. | 20 |
| 2. Explain the causes of neural tube defects. Mention surgical intervention. Write in detailed on rehabilitation of a 10 years old girl diagnosed to have meningomyelocele. She is wheelchair dependent, attending normal school. | 17 | 40 min. | 20 |

II. Write notes on :

- | | | | |
|---|---|---------|---|
| 1. Hand writing in LD. | 4 | 10 min. | 6 |
| 2. Role of Occupational Therapy in preventive management in paediatrics. | 4 | 10 min. | 6 |
| 3. Occupational Therapy management for a 6 years old boy with Asthma (of 3 years duration). | 4 | 10 min. | 6 |
| 4. Self maintenance skill training for a 13 years boy with moderate MR. | 4 | 10 min. | 6 |
| 5. OT role in stammering 8 years old boy. | 4 | 10 min. | 6 |
| 6. OT role in Erb's palsy. | 4 | 10 min. | 6 |
| 7. Facilitation of H.F (Hand Function) for a CP child. | 4 | 10 min. | 6 |
| 8. Family therapy for a child with terminal illness. | 4 | 10 min. | 6 |
| 9. How will you improve attention for a child with in attention? | 4 | 10 min. | 6 |
| 10. Management for a 3 years old girl with Pica. | 4 | 10 min. | 6 |

[LC 810]

APRIL 2013

Sub. Code: 9108

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

PART – II

BRANCH III – ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS

PAPER II – CLINICAL SPECIALITY - II

Q.P. Code: 419108

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

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

1. Discuss assessment of a child with Attention deficit hyperactivity disorder.
Discuss Behavior modification and sensory integrative therapy in O.T. management.
2. Intervention for hand functions in children with Hemiplegia.

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

1. Role of Occupational Therapist in an integrated school.
2. Role of Occupational Therapy in child Abuse.
3. Types of learning disability.
4. Intervention for delay in munching and chewing skills.
5. Pervasive Developmental Disabilities.
6. Role of Occupational Therapy in children with visual impairment
to develop fine motor skills.
7. Uses of group therapy for children.
8. Adaptations for independence for child with Cerebellar Ataxia.
9. Positioning of hand during acute stage of burns.
10. Occupational Therapy Management of Tactile defensiveness.

[LD 810]

OCTOBER 2013

Sub. Code: 9108

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

PART – II

BRANCH III – ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS

PAPER II – CLINICAL SPECIALITY - II

Q.P. Code: 419108

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

I. Elaborate on:

(2 x 20 = 40)

1. Briefly explain about theories of play (classical theory and traditional theory), standardised assessment and OT intervention.
2. Explain about Sensory Processing Disorder and classification.
Discuss about Fidelity in sensory integration intervention research.

II. Write notes on:

(10 x 6 = 60)

1. Aeroplane mobility device
2. Contribution of spinal level reflexes for normal development
3. Phases of swallowing
4. Explain about difference between Tactile defensiveness and sensory defensiveness.
5. Kohlbergs stages of moral development.
6. Random and blocked practice
7. Redressment du tronc
8. Kephort approach for Autism
9. Explain about types of sensory discrimination disorder with examples
10. Psychometric properties of PEDI.

[LE 810]

APRIL 2014

Sub. Code: 9108

**MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION
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PART – II

BRANCH III – ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS

PAPER II – CLINICAL SPECIALITY - II

Q.P. Code: 419108

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

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

1. Briefly explain about role of parasympathic nervous system in Sensory Processing Disorder and Neuro psychological theories of Autism.
2. Briefly describe about Systematic review of the research evidence examining the effectiveness of intervention using Sensory Integration.

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

1. Anticipatory postural control.
2. Sensory defensiveness.
3. Explain about Developmental Coordination disorder and OT management.
4. Guidelines for adapting food textures for children with sensory defensiveness
5. Bivalve knee splint with open patella.
6. Plan Occupational Therapy assessment for 2 year child with oral motor problem
7. Gordon's sign.
8. Werding –Hoffmann syndrome.
9. Attitudinal reflexes.
10. Explain about Norms Reference Test with examples.

[LF 810]

OCTOBER 2014

Sub. Code: 9108

**MASTER OF OCCUPATIONAL THERAPY (M.O.T.) DEGREE EXAMINATION
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BRANCH III – ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS

PAPER II – CLINICAL SPECIALITY - II

Q.P. Code: 419108

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 developmental milestones in a 3 year old child.
Discuss the aetiology and management of a child with mental retardation.
2. Discuss the rehabilitation management of a 3 year old girl with lumbar meningomyelocele.

II. Write notes on:

(10 x 6 = 60)

1. Sensory defensiveness.
2. Occupational therapy assessment for oral motor problems.
3. Kohlbergs stages of moral development.
4. Role of Occupational Therapy in conduct disorders.
5. Role of Occupational therapy in stammering.
6. Role of Occupational therapy in NICU.
7. Hand functions in Autism.
8. Occupational therapy management for Juvenile Rheumatoid Arthritis.
9. Projective techniques for children.
10. Ataxic cerebral palsy.

[LG 810]

APRIL 2015

Sub. Code: 9108

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

BRANCH III – ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS

PAPER II – CLINICAL SPECIALITY - II

Q.P. Code: 419108

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

Draw suitable diagrams where ever necessary

I. Elaborate on:

(2 x 20 = 40)

1. Explain the function dysfunction continua of biomechanical frames of reference.
Explain its application in the treatment of CP spastic diplegia.
2. Define disruptive behavior. Discuss various treatments for disruptive behavior.
Add a note on effectiveness of these treatments.

II. Write notes on:

(10 x 6 = 60)

1. Touch inventory for elementary school children.
2. Body rocking in profound MR – explain in sensory integrative perspective.
3. VMI.
4. Myoelectric prosthesis in children.
5. OT role for spinal muscular atrophy.
6. ABC analysis of behavior.
7. Explain various scales to test muscle tone in children.
8. Factors determining School readiness.
9. Low vision training.
10. Facilitation of 'release' in spastic hand.

[LH 810]

OCTOBER 2015

Sub. Code: 9108

**M.O.T. DEGREE EXAMINATION
SECOND YEAR
PAPER II – CLINICAL SPECIALITY - II
BRANCH III - ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS**

Q.P. Code : 419108

Time : Three hours

Maximum : 100 marks

I. Elaborate on :

(2 x 20 = 40)

1. There is positive correlation between Visual motor integration and hand writing. Assert this statement with evidence. Mention the use of multisensory approach to improve hand writing.
2. Abnormal mobility patterns, its causes and management in cerebral palsy. Mention the recent developments in mobility devices for children.

II. Write notes on :

(10 x 6 = 60)

1. ATNR – Explain its importance and how will you integrate?
2. Facilitation of self-maintenance skills in 10yrs old girl with mild mental retardation.
3. Discuss the splints used for developmental hip dislocation.
4. Causes and consequences of play deprivation.
5. Selective mutism.
6. Positioning neonates in NICU.
7. Explain the causes and management for school refusal.
8. Mention the difference between criterion reference and norm reference tests, with appropriate examples.
9. OT role in gross motor skill deficits in LD.
10. Clinical utility of Modified Ashworth Scale.

[LI 810]

APRIL 2016

Sub. Code: 9108

**M.O.T. DEGREE EXAMINATION
SECOND YEAR
PAPER II – CLINICAL SPECIALITY - II
BRANCH III - ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS**

Q.P. Code : 419108

Time : Three hours

Maximum : 100 Marks

I. Elaborate on :

(2 x 20 = 40)

1. What are the disorders of Praxis? Explain the influence of sensation in Praxis and movement. Mention the treatment based on sensory integration and other contemporary theories.
2. Elaborate the role of OT for a child with burns on face and hands after a bomb blast.

II. Write notes on :

(10 x 6 = 60)

1. Knox preschool play scale.
2. Toileting skills in children with autism.
3. Ankle – foot orthosis.
4. How does posture affect feeding? How will you facilitate sitting posture?
5. Impact of disability on play behavior. Mention six architectural modifications in school for a child with DMD.
6. OT role in separation anxiety.
7. OT role in prevocational training for moderate mental retardation.
8. “Use of standardized tests in occupational therapy” – Discuss.
9. 2 yrs old child with Erb’s palsy – Explain OT role.
10. Assert your role with a 10 yrs old girl diagnosed to have terminal illness, life expectancy is 6 months.

[LK 810]

MAY 2017

Sub. Code: 9108

**M.O.T. DEGREE EXAMINATION
SECOND YEAR
PAPER II – CLINICAL SPECIALITY - II
BRANCH III - ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS**

Q.P. Code : 419108

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Role of occupational therapy in Paediatric Palliative care.
2. Hand function development and training. Explain the objectives of hand function training in Infantile Hemiplegia.

II. Write notes on:

(10 x 6 = 60)

1. Erhart's hand function development.
2. Hand writing readiness.
3. Behavior therapy techniques to reduce mal adaptive behavior.
4. Occupational therapy for an aggressive and oppositional child.
5. Phocomelia and Amelia.
6. Management of an infant with meningomyelocele.
7. Describe any two ADL evaluation tools.
8. Positioning and splinting for Erb's palsy.
9. Classification of muscular dystrophy.
10. Differential reinforcement techniques.

[LL 810]

OCTOBER 2017

Sub. Code: 9108

**M.O.T. DEGREE EXAMINATION
SECOND YEAR
PAPER II – CLINICAL SPECIALITY - II
BRANCH III - ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS**

Q.P. Code : 419108

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the use of behavior therapy and sensory integrative therapy in occupational therapy with reference to a 7 year old boy with attention deficit hyper activity disorder.
2. Discuss the role of occupational therapy in school based intervention.

II. Write notes on:

(10 x 6 = 60)

1. Paediatric occupational therapy assessment domains.
2. Describe any two commonly used check lists to assess sensory issues in children.
3. Postural control assessment.
4. Testing the psychosocial development in children.
5. Toilet training.
6. Therapeutic benefits of group therapy for children.
7. School readiness.
8. Occupational therapy goals for children abused and neglected.
9. Occupational therapy for a 'dying child'.
10. Describe in detail a diagnostic tool for autism.

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

[LM 810]

MAY 2018

Sub. Code: 9108

**M.O.T. DEGREE EXAMINATION
SECOND YEAR
PAPER II – CLINICAL SPECIALITY - II
BRANCH III - ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS**

Q.P. Code : 419108

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the influence of sensory processing disorder on ADL performance. Mention various standardized scales for SPD. How will you facilitate ADL in the presence of sensory processing issues?
2. Synactive theory of development of preterm infants.

II. Write notes on:

(10 x 6 = 60)

1. Pelvic blocks in Cerebral palsy.
2. A 12 yrs old boy reports with history of violent behavior at school. What are the possible causes of violent behavior and how will you treat?
3. Imitation skills in autism spectrum disorder.
4. Play deprivation.
5. Cognitive approaches in handwriting training.
6. Techniques to control drooling.
7. Mention any three mobility devices, indications and measurement for children with physical disability.
8. Evaluation of spasticity - discuss.
9. Importance of history taking for an occupational therapist.
10. Opponence splints.

**M.O.T. DEGREE EXAMINATION
SECOND YEAR
PAPER II – CLINICAL SPECIALITY - II
BRANCH III - ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS**

Q.P. Code : 419108

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. A 7 yrs old boy attending 2nd grade at school reports with bilateral integration and sequencing deficits (BIS). What are the standardized scales in evaluation of BIS? Mention the approaches and strategies used in the treatment of BIS.
2. A 2 yrs old child with spastic cerebral palsy with normal intelligence. Plan out management program with all possible frames of references.

II. Write notes on:

(10 x 6 = 60)

1. Explain the difference between criterion referenced and norm referenced tests. Mention appropriate examples for each.
2. What is performance context? How does performance context influence OT practice?
3. DOTCA.
4. OT management CTEV.
5. Signs of stress and stability of preterm neonates.
6. Role of occupational therapist in cochlear implant.
7. What are the behavioral abnormalities seen in children with visual loss? How will you handle them?
8. OT management for a child with enuresis.
9. Prevocational evaluation and training 14 yrs old boy.
10. Explain various team approaches in early intervention program. Add a note on strength and weakness of each.

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

[LO 810]

MAY 2019

Sub. Code: 9108

**M.O.T. DEGREE EXAMINATION
SECOND YEAR
BRANCH III - ADVANCED OCCUPATIONAL THERAPY
IN PAEDIATRICS
PAPER II – CLINICAL SPECIALITY - II**

Q.P. Code : 419108

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Why the assessment of hand writing of interest to Occupational Therapists? Elaborate the components of a hand writing evaluation.
2. Role and Occupational Therapy in the management of children with Attention Deficit and Hyperactivity.

II. Write notes on:

(10 x 6 = 60)

1. Toilet training.
2. Oral motor evaluation.
3. Orthosis for Juvenile Rheumatoid Arthritis.
4. APGAR Score.
5. Neurological signs seen in a preterm infant.
6. Define cerebral palsy and mention the types.
7. Watson's classification for a child with Muscular dystrophy.
8. GMFM – Assessment of Gross motor functions.
9. Difference between children with Autism and Attention deficit and Hyperactivity disorder.
10. Phocomelia.

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

[LP 810]

OCTOBER 2019

Sub. Code: 9108

**M.O.T. DEGREE EXAMINATION
SECOND YEAR
BRANCH III - ADVANCED OCCUPATIONAL THERAPY
IN PAEDIATRICS
PAPER II – CLINICAL SPECIALITY - II**

Q.P. Code : 419108

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the traditional and contemporary perspective of play. How will you evaluate and facilitate playfulness of a child? How will you handle mismatch between play preferences and play abilities?
2. Write in detailed with evidence on sensory integrative and behavioral perspective of stereotypic behaviors. Mention any standardized scales to evaluate. How will you treat them?

II. Write notes on:

(10 x 6 = 60)

1. Facilitation of sucking and swallowing in preterm infants. Mention with research evidence.
2. Treatment strategies to facilitate grasp and release in spastic hand.
3. Justify “occupational therapy as a subsystem in school system”.
4. OT management for congenital bilateral hip dislocation.
5. Various methods in to facilitate communication for a child with multiple sensory impairment-deaf and blind.
6. Explain on spinal deformities, it complications and intervention.
7. OT management for a child suspected to be sexually abused.
8. Explain on types indications and modification of ankle foot orthosis.
9. Facilitation of self maintenance skills for a 13 yrs old moderate intellectual disability.
10. Berry’s developmental test of VMI.

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

[LQ 810]

NOVEMBER 2020
(MAY 2020 EXAM SESSION)

Sub. Code: 9108

M.O.T. DEGREE

SECOND YEAR

BRANCH III - ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS

PAPER II – CLINICAL SPECIALITY - II

Q.P. Code : 419108

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Role of Occupational Therapy in mobility training and use of Mobility Aids.
2. Role of Occupational Therapy in the management of Autism.

II. Write notes on:

(10 x 6 = 60)

1. Role of Occupational therapy in the NICU.
2. Role of Occupational therapy in managing a 5 year old child with Duchene's Muscular Dystrophy.
3. Role of Occupational therapy in a child who is dealing with Death and Dying.
4. Extra Pyramidal Cerebral Palsy.
5. Differential Reinforcement Techniques.
6. Role of Occupational Therapy for children with Juvenile Rheumatoid Arthritis.
7. Visual Motor Integration.
8. Describe any one scale that assesses ADL status in Children.
9. Congenital Torticollis.
10. Therapeutic effect of Group Therapy for children.

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

[MOT 0321]

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

Sub. Code: 9108

**M.O.T. DEGREE EXAMINATION
SECOND YEAR
BRANCH III - ADVANCED OCCUPATIONAL THERAPY
IN PAEDIATRICS
PAPER II – CLINICAL SPECIALITY - II
*Q.P. Code : 419108***

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. A 8years old boy reports to you with complaints of poor scholastic performance, lazy and disobedient. Explain various areas of assessment you will consider, justify. How will you treat this child?
2. Write in detail on hand function development from birth. Explain various hand function deficits expected in children with cerebral palsy. How will you treat? Add a note on standardized scale for hand function in children.

II. Write notes on:

(10 x 6 = 60)

1. Sensory integration and praxis test
2. Play intervention in child with burns
3. Neuro-behavioural assessment of neonate
4. Occupational therapy role in vitamin D deficiency
5. How will you manage a child with aggression?
6. Picture exchange communication system
7. At what age work behaviours can be facilitated in a child with moderate intellectual disability? Explain on facilitation of work behaviour.
8. Mobility training in child with total blindness.
9. ABC analysis and management for a child with enuresis.
10. Explain the influence of environment in acquisition of new skills.

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

[MOT 0921]

**SEPTEMBER 2021
(MAY 2021 SESSION)**

Sub. Code: 9108

**M.O.T. DEGREE EXAMINATION
SECOND YEAR
BRANCH III - ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS
PAPER II – CLINICAL SPECIALITY - II
*Q.P. Code : 419108***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Compare and contrast the use of multisensory approaches and cognitive approaches in the facilitation of handwriting. Explain effectiveness with evidence.
2. Explain the normal development of toilet skills. What are the developmental, sensory, motor and emotional causes of deficits in toileting skills? How will you treat with various frames of references?

II. Write notes on:

(10 x 6 = 60)

1. Augmentative communication devices.
2. Blindism.
3. What are the participation restriction and management of child with separation anxiety?
4. “sensory integration therapy and sensory based intervention are same” – true or false? Justify your choice.
5. Gross motor function classification system.
6. Evaluation and Treatment of drooling.
7. Object play.
8. Occupational therapy management for a child with seizure disorder.
9. Explain with evidence on neonatal positioning, its therapeutic use and risks.
10. Phocomelia.

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

[MOT 0222]

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

Sub. Code: 9108

**M.O.T. DEGREE EXAMINATION
SECOND YEAR
BRANCH III - ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS
PAPER II – CLINICAL SPECIALITY - II
*Q.P. Code : 419108***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. How will you approach 10 years old child with poor scholastic performance? What are the underline problems? What are the occupational therapy assessment and management for poor scholastic performance?
2. What is infantile hemiplegia? Write the various causes and pathophysiology of infantile hemiplegia. Describe in detail evaluation and occupational therapy management.

II. Write notes on:

(10 x 6 = 60)

1. Neonatal reflex.
2. Neuro developmental therapy.
3. Hemophillia and Occupational therapy management.
4. Pediatric burn assessment and management.
5. Positive reinforcement.
6. Congenital abnormalities of spine.
7. Sensory diet.
8. Paediatric wheelchair.
9. Inclusive education.
10. Hand writing evaluation.

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[MOT 1223]

**DECEMBER 2023
(OCTOBER 2023 EXAM SESSION)**

Sub. Code: 9108

M.O.T. DEGREE EXAMINATION

**SECOND YEAR - (Regulations for the candidates admitted on or before the A.Y. 2021-2022)
BRANCH III - ADVANCED OCCUPATIONAL THERAPY IN PAEDIATRICS
PAPER II – CLINICAL SPECIALITY – II**

Q.P. Code: 419108

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the component of Hand function, factors that influence the development of hand function. In-hand manipulation, strategies for in-hand manipulation and treatment activities.
2. Occupational therapy management for 9 year old intellectual disability who has entered the second grade.

II. Write notes on:

(10 x 6 = 60)

1. Erhardt developmental prehension assessment.
2. Positioning the child for eating.
3. Skills required for school readiness.
4. Vocational development for child and its characteristics.
5. Pull out model for early intervention.
6. Role of OT in Hearing impairment.
7. Indicators of child abuse, neglect and role of Occupational Therapy.
8. Visual perception and sequence of visual perception development.
9. Takata's classification of Play.
10. Describe the home modification for the child who use wheelchair.
