

**FEBRUARY 2008**

**[KS 977(Y)]**

**Sub. Code : 6125**

**B.O.T. DEGREE EXAMINATION.**

**Third Year**

**Non-Semester Regulations**

**Paper V — OT IN PAEDIATRICS**

**Q.P. Code : 786125**

**Time : Three hours                      Maximum : 100 marks**

**Theory : Two hours and                      Theory : 80 marks  
forty minutes**

**M.C.Q. : Twenty minutes                      M.C.Q. : 20 marks**

**Draw suitable diagrams wherever necessary.**

**Answer ALL questions.**

**I. Essay questions :**

**1. Give an account of Takata : A taxonomy of play.  
How will you develop play skills in children?                      (15)**

**2. Plan OT intervention for a 5 years old boy with  
sensory modulation problems.                      (15)**

**II. Short notes :                      (10 × 5 = 50)**

**1. Peto's conductive education.**

**2. Self-injurious behaviours.**

**3. Oro-motor dysfunction in cerebral palsy.**

**4. Mobility training for blind children.**

**5. OT objectives for children with ADHD.**

**6. OT objectives for children with AIDS.**

**7. ADC adaptations for a child with muscular  
dystrophy.**

**8. Paediatric splinting.**

**9. Visual motor integration.**

**10. OT objectives for Down's syndrome.**

**AUGUST 2008**

**[KT 977(Y)]**

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**Non-Semester Regulations**

**Paper V — OT IN PAEDIATRICS**

**Q.P. Code : 786125**

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagrams wherever necessary.**

**Answer ALL questions.**

- I. Essay : (2 × 15 = 30)
1. Describe the role of occupational therapy in the management of muscular dystrophy.
  2. Occupational therapy intervention in Still's disease.
- II. Short notes : (10 × 5 = 50)
1. Alternate forms of mobility.
  2. OT's role in managing nutritional disorders.

## AUGUST 2008

3. Visuomotor problems in cerebral palsy.
  4. Pre-feeding stimulation.
  5. Specific considerations for paediatrics splinting.
  6. Hand dominance.
  7. Token economy.
  8. Classify mental retardation.
  9. Jaw control techniques in treating oro-motor dysfunctions.
  10. Gravitational insecurity.
6. What are key points of control?
  7. Exposure and response prevention.
  8. Different between ocular blindness and cortical blindness.
  9. Tetralogy of Fallot.
  10. Pencil grip pattern.
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III. Write short answers : (10 × 2 = 20)

1. Vigilance.
2. Erb's point.
3. Trendelenburg sign.
4. Lordosis.
5. List a four advanced mobility skills.

**FEBRUARY – 2009**

**[KU 977 (Y)]**

**Sub. Code : 6125**

**BACHELOR OF OCCUPATIONAL THERAPY  
DEGREE EXAMINATION**

**Third Year Non - Semester Regulations**

**Paper V - O.T. IN PAEDIATRICS**

***Q.P. Code : 786125***

**Time : Three hours**

**Maximum : 100 marks**

**ANSWER ALL QUESTIONS**

**Draw suitable diagrams wherever necessary**

**I. Essays: (2X15=30)**

1. Describe normal development of fine motor and gross motor function upto 18 months of age.
2. Describe the various behaviour modification techniques applicable for a seven year old child with mental retardation.

**II. Short Notes: (10X5=50)**

1. Define play explain values of play.
2. Define CTEV and role of O.T. in CTEV.
3. Learning disability.
4. Myelomeningocele.
5. Explain ATNR and STNR.
6. Clinical features of down syndrome and O.T. Role.
7. Sensory integration.
8. Nutritional disorder.
9. Autism.
10. O.T. management for Duchene's Muscular Dystrophy.

**III. Short Answers: (10X2=20)**

1. Pediatric splinting.
2. Icing.
3. Stim;s disease.
4. Hydrocephalus.
5. Adaptations for feeding.
6. 'W' sitting.
7. Rickets.
8. Pervasive Developmental Disorder.
9. Gravitational insecurity.
10. Oromotor function.

August - 2009

[KV 977 (Y)]

Sub. Code : 6125

**BACHELOR OF OCCUPATIONAL THERAPY**

**DEGREE EXAMINATION**

**Third Year Non - Semester Regulations**

**Paper V - O.T. IN PAEDIATRICS**

*Q.P. Code : 786125*

**Time : Three hours**

**Maximum : 100 marks**

**ANSWER ALL QUESTIONS**

**Draw suitable diagrams wherever necessary**

**I. Essays: (2X15=30)**

1. Describe the occupational therapy intervention for a seven year old child with attention deficit hyperactivity disorder. Discuss how you would educate the parents on the management of their child.
2. Briefly describe any three approaches used in occupational therapy intervention for children with cerebral palsy.

**II. Short Notes: (10X5=50)**

1. Gross motor development upto one year.
2. List and describe the brainstem reflexes.
3. Play activities for a three year old child with visual loss.
4. Common deformities seen in Juvenile rheumatoid arthritis and their management.
5. Methods to teach dressing to a child with mental retardation.
6. Briefly describe intervention for a five year old child with meningomyelocele.
7. Peto's conductive education.
8. Adapted seating for children with cerebral palsy.
9. Oromotor evaluation.
10. Occupational therapy intervention for a one year old child with acquired immune deficiency syndrome.

**III. Short Answers: (10X2=20)**

1. Object permanence.
2. Therapy ball.
3. Constructional praxis.
4. Splints for tone reduction – describe any two.
5. Key points of control.
6. Tactile defensiveness.
7. Supine withdrawal.
8. Positive reinforcement.
9. Gower's sign.
10. Echolalia.

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August 2010

[KX 977 (Y)]

Sub. Code : 6125

**BACHELOR OF OCCUPATIONAL THERAPY**

**DEGREE EXAMINATION**

**Third Year Non - Semester Regulations**

**Paper V - O.T. IN PAEDIATRICS**

*Q.P. Code : 786125*

**Time : Three hours**

**Maximum : 100 marks**

**ANSWER ALL QUESTIONS**

**Draw suitable diagrams wherever necessary**

**I. Essays:**

**(2X15=30)**

1. Write about Cerebral palsy and its types. Discuss about the OT evaluation, roles, approaches used and treatment implementation for children with Spastic Diplegic.
2. Write about the OT evaluation goals, approaches used and treatment implementation for children with Visual impairment.

**II. Short Notes:**

**(10X5=50)**

1. Assumptions of Sensory integration approach.
2. Cerebellum in Autism.
3. Berry Test of Visuo motor integration.
4. How will you identify stress in New born infants.
5. Righting reactions and release phenomenon.
6. Traditional theories of play.
7. Takatas classification of play.
8. Oro motor evaluation.
9. Gross motor development up to one year.
10. List and describe the Brain stem reflexes.

**III. Short Answers:**

**(10X2=20)**

1. Therapy ball.
2. Sensory profile.
3. Sensory modulation.
4. Supine withdrawal.
5. Childhood Autism Rating Skill (CARS)
6. Developmental Coordination disorder.
7. Key points of Control.
8. Symmetric Tonic Neck Reflex (STNR)
9. Inhand Manipulation skills and its components.
10. Edward and Patau Syndrome.

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February 2012

[LA 6164]

Sub. Code : 6164

BACHELOR OF OCCUPATIONAL THERAPY EXAMINATION

THIRD YEAR

Paper V– OT IN PAEDIATRICS

Q.P. Code : 786164

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

**I. Elaborate on:**

**(2X20=40)**

1. Explain Downs Syndrome? What is the role of Occupational Therapy for a 2 year old diagnosed with Downs syndrome?
2. Describe the signs and symptoms of Muscular Dystrophy? What is the management in OT for a 6 year old boy with Muscular Dystrophy?

**II. Write notes on:**

**(8X5=40)**

1. Effects of disability on play behavior
2. Various Grasp Patterns
3. Tactile defensiveness
4. Roods inhibitory technique
5. Oromotor training in CP
6. OT role in hearing impairment
7. Joint protection techniques in haemophilia
8. Rett syndrome

**III. Short Answers:**

**(10X2=20)**

1. Hydrocephalus
2. Behavioral characteristics of Autism
3. ATNR
4. Congenital Hip Dislocation
5. Blindism
6. Sleeping disorders
7. Gowers sign
8. ADHD
9. Pediatric splinting
10. Features of athetoid cerebral palsy

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[LB 6164]

**AUGUST 2012**  
**THIRD YEAR BOT EXAM**  
**Paper – V OT IN PAEDIATRICS**  
**Q.P. Code : 786164**

**Sub. Code : 6164**

**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 management for a 2 year old child with spastic Diplegia.      | 19 | 33 | 20 |
| 2. Discuss the role of O.T in early intervention and management of high risk infants. | 19 | 33 | 20 |

**II. Write Notes on:**

- |   |   |   |   |
|---|---|---|---|
| 1. Special Education Principles.                          | 3 | 8 | 5 |
| 2. Juvenile Rheumatoid Arthritis.                         | 3 | 8 | 5 |
| 3. Activities to improve in hand manipulation.            | 3 | 8 | 5 |
| 4. O.T management of Erbs Palsy.                          | 3 | 8 | 5 |
| 5. S.I Dysfunction in Autism.                             | 3 | 8 | 5 |
| 6. Normal Motor Development from birth to one year.       | 3 | 8 | 5 |
| 7. Psychological aspects of hospitalization and O.T role. | 3 | 8 | 5 |
| 8. Explain three Behaviour Disorders.                     | 3 | 8 | 5 |

**III. Short Answers :**

- |  |   |   |   |
|--|---|---|---|
| 1. Epilepsy.                             | 1 | 5 | 2 |
| 2. Myelomeningocele.                     | 1 | 5 | 2 |
| 3. Positive reinforcement.               | 1 | 5 | 2 |
| 4. Rooting reflex.                       | 1 | 5 | 2 |
| 5. Protein deficiency disorders.         | 1 | 5 | 2 |
| 6. Arthrogyrosis.                        | 1 | 5 | 2 |
| 7. Common deformities in poliomyelitis.  | 1 | 5 | 2 |
| 8. Tetralogy of fallot.                  | 1 | 5 | 2 |
| 9. Classification of mental retardation. | 1 | 5 | 2 |
| 10. Mention four uses of ball pool.      | 1 | 5 | 2 |

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[LC 6164]

**FEBRUARY 2013**  
**THIRD YEAR BOT EXAM**  
**Paper – V OT IN PAEDIATRICS**  
**Q.P. Code : 786164**

**Sub. Code : 6164**

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

**Maximum: 100 marks**

**I. Elaborate on:** **(2X20=40)**

1. Describe the O.T role with reference to S.I for a child with learning disability?
2. Explain the role of O.T for a child with Atrial Septal Defect?

**II. Write Notes on:** **(8X5=40)**

1. O.T objectives for mental retardation.
2. Spina Bifida.
3. Stages of Play.
4. O.T role in social skills training in Autism.
5. Explain the principles of N.D.T
6. Development of prewriting skills in children.
7. Duchenne Muscular Dystrophy
8. O.T role for a child with AIDS.

**III. Short Answers :** **(10X2=20)**

1. Seizures.
2. Backward chaining
3. Moro reflex.
4. CTEV.
5. Therapeutic values of blow painting.
6. Seating devices in cerebral palsy
7. Nail biting
8. Rickets.
9. Opponens splint.
10. Gravitational insecurity.

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[LD 6164]

AUGUST 2013

Sub. Code : 6164

**THIRD YEAR BOT EXAM**  
**Paper V – OT IN PAEDIATRICS**  
*Q.P. Code: 786164*

**Time: Three hours**

**Maximum : 100 marks**

- I. Elaborate on:** (2x20 = 40)
- 1 Applications of sensory integration techniques in child with cerebral palsy.
  - 2 Occupational therapy management for 4 year old child with down's syndrome.
- II. Write Notes on:** (8x5 = 40)
1. Common deformities in poliomyelitis
  2. Perceptual motor disorders
  3. Normal reflex development till one year of age
  4. Bimanual activities
  5. C T E V
  6. Behaviour problems in children
  7. Values of play
  8. Creative activities
- III. Short Answers on:** (10x2 = 20)
1. Parachute reaction
  2. Erb's palsy
  3. Bolster
  4. Water play
  5. Clonus
  6. Strabismus
  7. Drooling
  8. Thumb opponens splint
  9. Typical development
  10. Token economy

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