

APRIL - 2001

[KD 949]

Sub. Code : 5697

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

(Revised Regulations)

Fifth Semester

OCCUPATIONAL THERAPY IN PAEDIATRICS

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)

(a) Discuss the Occupational therapist's role in the management of High risk Infants,

Or

(b) What is cerebral palsy? Describe the Occupational therapy treatment for a 10 year old child with C.P. quadriplegia with poor trunk control.

2. Write short notes on any SIX : (6 × 5 = 30)

- (a) Peto's conductive education**
- (b) Attention deficit hyperactivity disorder**
- (c) Juvenile Rheumatoid Arthritis**
- (d) Hydrocephalus**
- (e) Rood's facilitatory techniques.**
- (f) Parapodium**
- (g) Braille**
- (h) Cleft palate.**

3. Write an essay on any ONE of the following : (20)

(a) Classify Dystrophies. Describe the occupational therapy Intervention for a child with Duchenne's muscular dystrophy.

(b) Sensory Integrative therapy for children with Minimal Brain Dysfunction.

4. Write short notes on any SIX : (6 × 5 = 30)

- (a) Symmetrical tonic neck reflex**
- (b) Congenital dislocation of Hip**
- (c) Water play**
- (d) Assumptions of neuro developmental frame of reference**
- (e) Temper tantrums**
- (f) Atrial septal defect**
- (g) Hand functions development**
- (h) Thumb in palm deformity.**

APRIL - 2001

[KD 960]

Sub. Code : 5718

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

(Modified Regulations)

Sixth Semester

OCCUPATIONAL THERAPY IN PAEDIATRICS

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)

(a) Describe the Occupational therapy treatment for a 9 year old child with C.P. diplegia.

(b) What is Autism? Describe the treatment of an Autistic child using sensory Integration Approach.

2. Write short notes on any SIX : (6 × 5 = 30)

(a) Sensory stimulation for high risk infants.

(b) Communication techniques for the deaf.

(c) Domains of concern for Neuro developmental treatment.

(d) Positioning in Acute poliomyelitis.

(e) Tetralogy of fallot.

(f) Atill's disease.

(g) C.P. Chair.

(h) In-hand manipulation.

3. Write an essay on any ONE of the following: (20)

(a) Occupational therapy management of a child with Arthrogryphosis multiplex congenita.

(b) Describe the occupational therapy intervention for a 12 year old female child with meningomyelocele.

4. Write short notes on any SIX : (6 × 5 = 30)

(a) Acquired Immuno deficiency syndrome in children.

(b) Equilibrium reactions.

(c) Hyperactivity.

(d) Pseudo hypertrophy.

(e) Psychological aspects of hospitalization.

(f) Congenital talipes equino varus.

(g) Token Economy.

(h) Drooling.

APRIL - 2001

[KD 977]

Sub. Code : 5902

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

(New Modified Regulations)

Sixth Semester

O.T. IN PAEDIATRICS

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)

(a) Elaborate the cerebral palsy management in occupational therapy as a need for parents participation in treatment programme.

Or

(b) Write the legitimate tools used in pediatric occupational therapy.

2. Write short notes on any SIX : (6 × 5 = 30)

- (a) Poliomyelitis.**
- (b) Finger Painting.**
- (c) Adaptive equipments.**
- (d) Punishment.**
- (e) Play.**
- (f) Down's Syndrome.**
- (g) Jaw Central in cerebral palsy.**
- (h) Asymmetric tonic neck reflex.**

3. Write an essay on any ONE of the following : (20)

(a) Describe the occupational therapy for muscular dystrophy.

(b) Discuss Spina bifida, elaborate bladder and bowel management.

4. Write short notes on any SIX : (6 × 5 = 30)

- (a) Stills disease.**
- (b) Splinting in burns.**
- (c) Activities of daily living.**
- (d) Crawling.**
- (e) Self feeding in Cerebral palsy.**
- (f) Handling of spastic child.**
- (g) Equilibrium reactions.**
- (h) Mental retardation.**

NOVEMBER - 2001

[KE 949]

Sub. Code : 5697

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

Fifth/Sixth Semester

(Revised/Modified Regulations)

OCCUPATIONAL THERAPY IN PAEDIATRICS

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)

(a) Describe O.T. programme for a 4 year old hyperactive child with temper tantrums and self biting.

Or

(b) Explain O.T. programme for a child with Tetralogy of fallot.

2. Write short notes on any SIX : (6 × 5 = 30)

(a) Indications for a C.P. chair

(b) Cognitive development of a 2 year child

(c) Stages of play

(d) Specific features of paediatric splinting

(e) A.D.L. training for a blind child

(f) Gower's sign

(g) A.F.O.

3. Write an essay on any ONE of the following : (20)

(a) What is Guillain Barre syndrome and explain role of O.T. in a 5 yr. old child affected by GBS.

Or

(b) Describe O.T. management for a 2 yr old child with both upper levels poliomyelites.

4. Write short notes on any SIX : (6 × 5 = 30)

(a) Cock up splint

(b) Weight bearing

(c) Handling techniques

(d) Toilet training

(e) Adaptive devices for CP children

(f) Arthrogryphosis multiplex congenita

(g) Mental retardation.

[KE 949]

NOVEMBER - 2001

[KE 977]

Sub. Code : 5902

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

(New Modified Regulations)

Sixth Semester

O.T. IN PAEDIATRICS

Time : Three hours

Maximum : 100 marks

1. (a) Describe the various facilitatory techniques used in Rood's Neuromuscular facilitation and describe the appropriate techniques and their application for a 2 year old child with hypertonicity. (20)

Or

(b) Describe the various stages in Joan Piaget's theory of Cognitive development and how you would facilitate each stage through play.

2. Write short notes on any SIX : (30)

- (a) Tonic labyrinthine reflex
- (b) Oromotor functions
- (c) Special chair for cerebral palsied children
- (d) Splinting used for Still's disease
- (e) Games epoch in play
- (f) Petos conductive education
- (g) Gravitational Insecurity
- (h) Self injurious behavior.

3. (a) Describe the principles of Ayre's Sensory integration. Approach and the application of this approach for a child with learning disability. (20)

Or

(b) Describe the Occupational therapy intervention for a four year old child with visual Impairment.

4. Write short notes on any SIX : (30)

- (a) Equilibrium and Righting Reactions
- (b) Reflex inhibiting patterns
- (c) Clinical features seen in Erb's palsy
- (d) Clinical features seen in Spina bifida
- (e) Approaches used for intervention in Autism
- (f) Techniques to control drooling
- (g) Mobility aids for children
- (h) Early intervention.

[KE 977]

MARCH - 2002

[KG 949]

Sub. Code : 5697

B.O.T. DEGREE EXAMINATION.

Fifth/Sixth Semester

(Revised/Modified Regulations)

Paper II — O.T. IN PAEDIATRICS

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)
 - (a) What is poliomyelitis? What is the role of OT in the management of a 6 years old girl with polio?
 - (b) OT management of a CP child using neuro developmental approach.
2. Write short notes on any SIX of the following :
(6 × 5 = 30)
 - (a) Down's syndrome
 - (b) Positioning for feeding
 - (c) Minimal Brain Dysfunction
 - (d) Paediatric splinting
 - (e) Equilibrium reactions
 - (f) High risk infants
 - (g) Music therapy
 - (h) Parental reactions to a child with disability.

3. Write an essay on any ONE of the following : (20)

(a) What is still's disease? Role of OT in the management of a child with still's disease.

(b) Describe briefly the behaviour problems seen in a child with mental retardation. How will you apply behaviour modification techniques in the management of a MR child?

4. Write short notes on any SIX of the following :

(6 × 5 = 30)

- (a) Duchenne's muscular dystrophy
 - (b) Low cost aids
 - (c) Erb's palsy
 - (d) Toys for children from birth to 1 year
 - (e) Toilet training
 - (f) OT management of a visually impaired child
 - (g) OT role in neonatal ICU
 - (h) Flaccidity.
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MARCH - 2002

[KG 977]

Sub. Code : 5902

B.O.T. DEGREE EXAMINATION.

(New Modified Regulations)

Sixth Semester

Paper II — OT IN PAEDIATRICS

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)

(a) OT management of a 2 years old child with spastic cerebral palsy

(b) What are the psychological reactions of a hospitalized child? What is the role of play therapy in its management?

**2. Write short notes on any SIX of the following :
(6 × 5 = 30)**

(a) Temper Tantrum

(b) Early intervention programme

(c) Motor development from birth to 1 yr.

(d) Hyperactivity

(e) Peto's chair

(f) OT management of a visually impaired child

(g) Handwriting training

(h) Low cost aids.

3. Write an essay on any ONE of the following : (20)

(a) What is the role of OT in the management of a child with meningitis

(b) OT management of a child with autism using sensory integrative approach.

**4. Write short notes on any SIX of the following :
(6 × 5 = 30)**

(a) OT role in neonatal ICU

(b) Home programme for a child with Juvenile Rheumatoid Arthritis

(c) Post polio residual paralysis

(d) Spina Bifide

(e) Athetoid CP

(f) Reflex inhibiting patterns

(g) Development of dressing skills

(h) Imitative play.

SEPTEMBER - 2002

[KH 949]

Sub. Code : 5697

B.O.T. DEGREE EXAMINATION.

Fifth/Sixth Semester

(Revised/Modified Regulations)

Paper II — O.T. IN PAEDIATRICS

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)

(a) A child of 5 yrs age suffering from cerebral palsy with hemiplegic involvement. Write in details occupational therapy management for that child.

(b) What is learning disability? Write in details occupational therapy roles.

2. Write short notes (any SIX) : (6 × 5 = 30)

(a) Still's disease

(b) Normal development of hand

(c) Principles and technique used for Neurodevelopmental Therapy

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(d) Role of occupational therapy in speech disorders

(e) Role of occupational therapy in AIDs

(f) Evaluation of muscle tone

(g) Adaptive devices used during feeding management for cerebral palsy.

(h) Brain stem level reflexes and its integration.

3. Answer an essay on any ONE of the following : (20)

(a) A child of 7 yrs old diagnosed as attention deficit hyperactivity disorders. Write occupational therapy role in details.

(b) A child of 8 yrs old suffering from poliomyelitis with involvement of right side upper extrimity and leftside lower extrimity. The child is in residual phase. Write occupational therapy management in details.

4. Write short notes (any SIX) : (6 × 5 = 30)

(a) Radial club hand

(b) Reflexes and its effect on normal development

(c) Assessment of play

(d) Different level of dysfunction in sensory integration

(e) Role of occupational therapy in neo-natal intensive care unit

(f) Hydrocephalus

(g) Perceptual testing

(h) Criteria for prescribing splints in paediatrics.

SEPTEMBER - 2002

[KH 977]

Sub. Code : 5902

B.O.T. DEGREE EXAMINATION.

(New Modified Regulations)

Sixth Semester

Paper II — OT IN PAEDIATRICS

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)

(a) Describe the various techniques used in Bobath's Neuro Developmental Approach. How would you apply this approach for a 3 year old child with cerebral palsy athetosis type.

(b) Describe normal development of fine motor and gross motor functions upto 18 months of age.

2. Write short notes on any SIX : (30)

(a) Asymmetric tonic neck reflex

(b) Tactile defensiveness

(c) Arthrogryphosis

(d) Oromotor functions

(e) Down's syndrome

(f) Vestibular ball

(g) Sensorimotor epoch in play

(h) Maintained stretch

3. Write an essay on any ONE of the following : (20)

(a) Describe the ontogenic patterns in Rood's Neuromuscular facilitation and methods for facilitation of these patterns.

(b) Describe the various Behaviour Modification techniques applicable for a Seven year old child with Mental Retardation.

4. Write short notes on any SIX : (30)

(a) Clinical features seen in spina bifida

(b) Pediatric splinting

(c) Tapping in Bobath's Neuro Developmental approach

(d) Still's disease

(e) Petos conductive education

(f) Self care training for visually handicapped children

(g) High Risk infants

(h) Self injurious behaviour.

APRIL - 2003

[KI 949]

Sub. Code : 5697

B.O.T. DEGREE EXAMINATION.

Fifth/Sixth Semester

(Revised/Modified Regulations)

Paper II — O.T. IN PAEDIATRICS

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)
- (a) Write in details role of occupational therapy in early intervention centre.

Or

(b) What is Mental Retardation? Classify mental retardation. Write occupational therapy management in details according to classifications.

2. Write short notes (any SIX) : (6 × 5)
- (a) Brainstem level Reflexes and procedures for integrating them.
- (b) Difference between upper motor neuron disorder and lower motor neuron disorder.
- (c) Congenital cardiac problems.

(d) Peto's conductive education.

(e) Down syndrome

(f) Scope and role of Occupational Therapy in Paediatric practice.

(g) Erb's palsy

(h) Complication of spina bifida and its management.

3. Write an essay on any ONE of the following : (20)

(a) A child of 6 years suffering from muscular dystrophy. Write in details occupational therapy management for acute phase.

Or

(b) Discuss occupational therapy treatment plan for a autistic child.

4. Write short notes (any SIX) : (6 × 5)

- (a) Eye-hand coordination
- (b) Feeding evaluation in cerebral palsy.
- (c) Facilitation technique used on Rood's approach
- (d) Play development

APRIL - 2003

- (e) Evaluation of Reflexes
 - (f) Normalization of muscle tone
 - (g) Types of standardized test used in paediatric practice.
 - (h) Anthrogryphosis Multiplex congenita.
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APRIL - 2003

[KI 977]

Sub. Code : 5902

B.O.T. DEGREE EXAMINATION.

Sixth Semester

(New Modified Regulations)

Paper II — OT IN PAEDIATRICS

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)

(a) Discuss the role of occupational therapy in early intervention and management of high risk infants.

(b) Describe the primitive reflex development in an infant.

2. Write short notes on any SIX : (6 × 5 = 30)

(a) Autism.

(b) Clay modelling.

(c) Erb's palsy.

(d) Gravitational insecurity.

(e) Behaviour modification.

(f) Feeding techniques.

(g) Dressing techniques in MR children.

(h) Play therapy.

3. Answer any ONE of the following : (20)

(a) Discuss the role of occupational therapy in children with spina bifida.

(b) Describe the role of occupational therapist in rehabilitation of a child with Arthrogryphosis.

4. Write short notes on any SIX : (6 × 5 = 30)

(a) 'W' sitting.

(b) Hydrocephalus.

(c) Rickets.

(d) Cardiac conditions of childhood.

(e) Learning disability.

(f) Still's disease.

(g) Fine motor skill development.

(h) Poliomyelitis.

OCTOBER - 2003

[KJ 977]

Sub. Code : 5902

B.O.T. DEGREE EXAMINATION.

Sixth Semester

(New Modified Regulations)

Paper II — OT IN PAEDIATRICS

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

M.C.Q. must be answered **SEPARATELY** on the
Answer Sheet provided as per the instructions on the
first page of the M.C.Q. Booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Essay questions :

I. Write an essay on any TWO of the following :
(2 × 15 = 30)

1. Explain O.T. Management for Erb's Palsy.
2. Explain Splints used in poliomyelitis and O.T. management of chronic case of poliomyelitis.
3. Explain any 15 congenital orthopaedic condition giving its definition.
4. Role of OT in children with 'specific learning' disability.

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

- (a) Energy conservation technique or precaution taken for cardiac conditions of childhood.
- (b) O.T. Management for hyperactive child.
- (c) Explain types of topping in N.D.T. sensory stimulation.
- (d) RJP.
- (e) Rood's antigenic motor patterns.
- (f) Proprioceptive Games.
- (g) O.T. Management for blind child.
- (h) Types of MB of O.T. Management.
- (i) Fine motor development till 1 year of age
- (j) Oral Motor Development.
- (k) Marasmus.
- (l) Infantile seizures.

AUGUST - 2004

[KL 949]

Sub. Code : 5697

B.O.T. DEGREE EXAMINATION.

Sixth Semester

(Modified Regulations)

Paper II — O.T. IN PAEDIATRICS

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 wherever necessary.

- I. Write an essay on any TWO of the following :
(2 × 15 = 30)**

**(1) Define Splint. What are the indications?
Explain the principles of splinting with emphasis on
pediatrics splinting.**

**(2) Define Infantile Hemiplegia and its causes.
Explain in detail the OT management for a 7 yrs old girl
with Infantile hemiplegia.**

**(3) Psychological reactions to Disabilities in
childhood and explain in detail the role of Occupational
Therapy.**

**(4) What is Autism? Explain OT management of
a child with autism using Sensory Integrative approach.**

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

- (a) Play therapy**
- (b) Role of OT in Neonatal ICU**
- (c) Home programme for a child with Juvenile
Rheumatoid Arthritis**
- (d) Erb's Palsy**
- (e) NDT**
- (f) Oral motor development**
- (g) Discuss the special needs of a physically
handicapped child**
- (h) Arthrogryphosis multiplex congenita**
- (i) Childhood Cardiac conditions**
- (j) Apraxia**
- (k) Moro-reflex**
- (l) Management of spastic hand.**

AUGUST - 2004

[KL 977]

Sub. Code : 5902

B.O.T. DEGREE EXAMINATION.

Sixth Semester

(New Modified Regulations)

Paper II — OT IN PAEDIATRICS

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 wherever necessary.

I. Write an Essay on any TWO of the following :

(2 × 15 = 30)

(1) Define cerebral palsy, Explain treatment approach of Brbath NDT for 1 year old spastic cerebral palsy cure with lac of head control and drooling.

(2) Explain Rood's approach including, basic principles, ontogenic motor patterns of techniques.

(3) Explain cardiac diseases securing in childhood I D.T. management for it.

(4) Discuss occupational therapy treatment plan for a infant with brachial plexus injury.

II. Write short notes : (any TEN)

(10 × 5 = 50)

- (a) Autism**
 - (b) Arthrogryposis**
 - (c) Cross motor development till 1 year**
 - (d) Brainstem level reflexes**
 - (e) Eye-hand coordination**
 - (f) Sensory integration**
 - (g) Muscular dystrophy**
 - (h) Explain 5 splints used in paediatrics**
 - (i) Clinical features of down syndrome.**
 - (j) Marasmus**
 - (k) Rooting reflex**
 - (l) Myelomeningocele.**
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FEBRUARY - 2005

[KM 977]

Sub. Code : 5902

B.O.T. DEGREE EXAMINATION.

Sixth Semester

(New Modified Regulations)

Paper II — OT IN PAEDIATRICS

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

Draw suitable diagrams wherever necessary.

Answer ALL questions.

I. Essay : (2 × 15 = 30)

(1) OT intervention from a High-risk infant, state aims explain the intervention.

(2) OT intervention for 8-year-old child with Juvenile rheumatoid arthritis.

II. Short notes : (10 × 5 = 50)

(a) Explains principles of Bobath approach

(b) Define play, explain values of play

(c) What are habit disorders?

(d) Explain motor development from 0-5 years.

(e) Define CTEV and role of OT in CTEV.

(f) Define mental retardation and classification of mental retardation.

(g) Explain what are different eating disorders.

(h) Attention defeat Hyperactively disorders.

(i) Pediatric splinting.

(j) What is Erbs' Palsy and OT intervention?

AUGUST - 2005

[KN 977]

Sub. Code : 5902

B.O.T. DEGREE EXAMINATION.

Sixth Semester

(New Modified Regulations)

Paper II — OT IN PAEDIATRICS

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

Draw suitable diagrams wherever necessary.

Answer ALL questions.

I. Essay : (2 × 15 = 30)

(1) Write in detail types of cerebral palsy and occupational therapy management.

(2) Discuss the muscular dystrophy, problems and occupational therapy management.

II. Short notes : (10 × 5 = 50)

(a) Erb's palsy.

(b) Poliomyelitis.

(c) Hydrocephalus.

(d) Stills disease.

(e) Autism.

(f) Hyper activity.

(g) Behaviour disorder.

(h) Nutritional disorder.

(i) Play therapy.

(j) Physical development of child.

FEBRUARY - 2006

[KO 977]

Sub. Code : 5902

B.O.T. DEGREE EXAMINATION.

Sixth Semester

(New Modified Regulations)

Paper II — OT IN PAEDIATRICS

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

Draw suitable diagrams wherever necessary.

Answer ALL questions.

I. Essay Questions :

(2 × 15 = 30)

(1) Define sensory integration. Explain the sensory integrative therapy for learning disability.

(2) Describe the principles of normal human development in detail with example.

II. Short notes :

(10 × 5 = 50)

(a) Ricket.

(b) Key points of control.

(c) Down's syndrome.

(d) Neonatal reflexes.

(e) Early intervention programme.

(f) Principles of perceptual and cognitive training.

(g) Educational methods for auditory loss.

(h) Creative activities.

(i) Righting reactions.

(j) Denis – Browne splint.

AUGUST - 2006

[KP 977]

Sub. Code : 5902

B.O.T. DEGREE EXAMINATION.

Sixth Semester

(New Modified Regulations)

Paper II — OT IN PAEDIATRICS

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

Draw suitable diagrams wherever necessary.

Answer ALL questions.

I. Essay :

(1) Write in detail regarding Rood's Neuromuscular facilitation. (20)

(2) Explain cardiac diseases occurring in childhood and OT management for it. (15)

(3) Discuss the psychological aspects of hospitalization and OT role related to it. (15)

II. Short question :

(6 × 5 = 30)

(a) Explain the different play development according to Takata.

(b) What are the special considerations in fabricating splints for the burned child?

(c) What are the best methods of treating hypertrophy scar?

(d) Define behaviour disorders and explains any five.

(e) Define communication and what are the communication disorders.

(f) Explain ATNR and STNR.

FEBRUARY - 2007

[KQ 977]

Sub. Code : 5902

B.O.T. DEGREE EXAMINATION.

Sixth Semester

(New Modified Regulations)

Paper II — OT IN PAEDIATRICS

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

Draw suitable diagrams wherever necessary.

Answer ALL questions.

I. Essay questions :

(1) Discuss occupational therapy treatment plan for a child diagnosed as 'CP-SPASTIC'. (20)

(2) Explain O.T. programme for a 9 year old child with muscular dystrophy, who is wheel chair bound. (15)

(3) Discuss occupational therapy treatment plan for an infant with brachial plexus injury. (15)

II. Short notes :

(6 × 5 = 30)

(a) Splinting in Still's disease.

(b) Attention Deficit Hyperactive Disorder (ADHD).

(c) Vestibular stimulation.

(d) Oral motor training for tongue thrust.

(e) Sand and water play.

(f) Positive reinforcement.

FEBRUARY 2008

[KS 977]

Sub. Code : 5902

B.O.T. DEGREE EXAMINATION.

Sixth Semester

(New Modified Regulations)

Paper II — OT IN PAEDIATRICS

Q.P. Code : 785902

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

Draw suitable diagrams wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 × 15 = 30)

1. Define sensory integration approach and the application of this approach for a children with LD (Learning Disability).

2. Explain principles of Bobath NDT approach and the application of this approach for a 8 year female child with spastic diplegic cerebral palsy.

II. Short notes :

(10 × 5 = 50)

- 1. Cardiac conditions of childhood.**
- 2. Peto's conductive education.**
- 3. Peadiatric splinting.**
- 4. Stills disease.**
- 5. Mid brain level reflexes.**
- 6. Hyper activity.**
- 7. A and C icing.**
- 8. Nutritional disorders.**
- 9. High risk infants.**
- 10. Takata classifications of play.**

AUGUST 2008

[KT 977]

Sub. Code : 5902

B.O. T DEGREE EXAMINATION.

Sixth Semester

(New Modified Regulations)

Paper II — OT IN PAEDIATRICS

Q.P. Code : 785902

Time : Three hours

Maximum : 100 marks

Draw suitable diagrams wherever necessary.

Answer ALL questions.

I. Essay : (2 × 15 = 30)

- 1. Occupational Therapy for oro-motor dysfunction.**
- 2. Occupational therapy plays a role in deciding appropriate seating for the handicapped child – Comment.**

II. Short notes : (10 × 5 = 50)

- 1. Occupational therapy intervention for a 1 year old floppy infant.**
- 2. List the clinically relevant problems in a child with Attention deficit hyperactive disorder (ADHD) to be seen by an occupational therapist.**

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3. Sensory registration and sensory modulation problems in children.
4. Schedules for reinforcement.
5. Describe your intervention for a fistled hand (due to spasticity) in a child with cerebral palsy.
6. What is your intervention to toilet training a child?
7. Play and playfulness.
8. Pr-requisites for hand writing training.
9. Occupational therapy for a terminally ill child.
10. Occupational therapy intervention for congenital dislocation (CDH).

III. Write short answers : (10 × 2 = 20)

1. Object performance.
2. Seriation.
3. List the stages of development of motor control as mentioned by Rood's.
4. Classify the academic skill disorder subsection of specific learning disability.
5. List the in hand manipulation skills.

6. Landau reflex.

7. Types of tapping techniques as mentions by Bobath.

8. Cruising as a form of transitional mobility pattern.

9. Window sign.

10. Gower's sign.

February 2009

[KU 977]

Sub. Code: 5902

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION**

**Sixth Semester
(New Modified Regulations)
Paper I – O.T. IN PAEDIATRICS
Q.P. Code : 785902**

Time : Three hours

Maximum : 100 marks

Answer All questions

Draw suitable diagrams wherever necessary

I. Essays : (2 x 15 = 30)

1. Occupational Therapy for early intervention and management of high risk infants.
2. Explain Rood's approach including, basic principles, Ontogenic motor patterns of techniques.

II. Short Notes: (10 x 5 = 50)

1. Myelomeningocele.
2. Erb's palsy and O.T. intervention.
3. Explain types of tapping in N.D.T. sensory stimulation.
4. Sensorimotor epoch in play.
5. Tactile defensiveness.
6. Self care training for visually handicapped children.
7. Dressing techniques in mental retarded children.
8. Creative activities.
9. Cardiac conditions of childhood.
10. Fine motor development till one year of age.

III. Short Answers: (10 x 2 = 20)

1. Marasmus.
2. Proprioceptive games.
3. 'W' sitting.
4. Maintained stretch.
5. Clay modeling.
6. Peto's conductive education.
7. Define mental retardation.
8. Rooting Reflex.
9. Define play.
10. Chaining.

August 2009

[KV 977]

Sub. Code: 5902

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION**

**Sixth Semester
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Paper I – O.T. IN PAEDIATRICS
Q.P. Code : 785902**

Time : Three hours

Maximum : 100 marks

Answer All questions

Draw suitable diagrams wherever necessary

I. Essays : (2 x 15 = 30)

1. For a child with cerebral palsy – Athetosis of 2 yrs age describe the interventions and the approaches you would use.
2. Explain cardiac diseases occurring in childhood and O.T. Management for it.

II. Short Notes: (10 x 5 = 50)

1. Toilet Training.
2. Splinting in still's disease
3. Explain ATNR and STNR.
4. Explain the different play development according to TAKARTA.
5. Duchene's muscular dystrophy.
6. Vestibular stimulation.
7. Positive reinforcement.
8. Ruling and its management.
9. Play for children with visual impairment.
10. What are the special considerations in fabricating splints for the child with burns?

III. Short Answers: (10 x 2 = 20)

1. PICA.
2. Scissoring gait.
3. Athetosis.
4. Game epoche.
5. Mention four activities for tactile defensiveness.
6. Dysgraphia.
7. Blindism.
8. Finger painting.
9. Types of hearing loss.
10. Myelomeningocele.
