

APRIL - 1990

058

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE
EXAMINATION, APRIL 1990**

Fourth Semester

**OCCUPATIONAL THERAPY—II
(PAEDIATRICS OCCUPATIONAL THERAPY)**

Time : Three hours

Maximum : 100 marks

SECTION A — (3×20=60 marks)

Answer any THREE questions.

1. Discuss the significance of the following in the development of a child :
 - (a) Moro's reflex.
 - (b) Tonic neck reflex.
 - (c) Neck righting reflex.
 - (d) Parachute reaction.
 - (e) Tilting reactions.
2. Describe the ADL training in a child with traumatic wrist dislocation.
3. Describe the prehensile function and how will you impart occupational therapy to regain prehensile function in a child with post-meningitic sequelae resulting in right sided hemiplegia.

4. Discuss the principles and applications of sensory integration techniques in a child with multiple handicap following cerebral palsy.

SECTION B — (4×10=40 marks)

Write notes on any FOUR of the following.

5.
 - (a) Claw hand.
 - (b) Boutenier deformity.
 - (c) I.Q.
 - (d) Manipulative skills.
 - (e) Stereognosis.
 - (f) Visual neglect.
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BACHELOR OF OCCUPATIONAL THERAPY DEGREE EXAMINATION (B.O.T.), NOVEMBER 1990.

Fourth Semester

Paper I — OCCUPATIONAL THERAPY — II
(PAEDIATRICS OCCUPATIONAL THERAPY)

Time : Three hours

Maximum : 100 marks

FOUR questions are to be answered.

Question No. 5 is compulsory and answer
any THREE remaining questions.

1. Describe the stages of motor development in a normal child until the age of five years. (20 marks)
2. Discuss the role of occupational therapy in a child with hemiparesis. (20 marks)
3. Describe the plan of occupational therapy in a child with post burns contracture involving both upper limbs. (20 marks)
4. Classify mental retardation and how will you plan occupational therapy for a child aged ten years with I.Q. of less than fifty. (20 marks)

Write notes on any FOUR of the following :

- (a) Controlled one hand training with apraxia.
 - (b) Bilateral activities.
 - (c) Diadochokinesia.
 - (d) Perceptual motor disorders.
 - (e) Hyperkinetic activity.
 - (f) Body Image concept. (4×10=40 marks)
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3077

**DEGREE OF BACHELOR OF OCCUPATIONAL THERAPY
EXAMINATION, NOVEMBER 1990**

(B.O.T.)

(Fourth Semester)

OCCUPATIONAL THERAPY—II (Theory)

(Paediatrics O.T.)

Time : Three hours

Maximum : 100 marks

SECTION A—(3×20=60 marks)

Answer any THREE questions.

All questions carry equal marks.

1. What are common deformities seen in poliomyelitis? Explain how do you prevent them.
2. Define sensory integration. What are the neurological principles of this approach to treatment? What will the evaluation of a child with learning disability involve?
3. What are the signs and symptoms of muscular dystrophy? Elaborate on the role of occupational therapy in the treatment of this condition.
4. Write in brief the fundamental needs of child and explain the special need of the physically handicapped children.

SECTION B—(4×10=40 marks)

Write notes on any four of the following :

- (a) Down's Syndrome.
- (b) Use of RIP in treatment
- (c) Activities for body image training
- (d) Metabolic disorders
- (e) Cognition.

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BACHELOR OF OCCUPATIONAL THERAPY, DEGREE EXAMINATION, NOVEMBER 1991.

Fourth Semester

Paper I — OCCUPATIONAL THERAPY — II

(Paediatric Occupational Therapy)

Time : Three hours.

Maximum : 100 marks

Answer question No. 3 and any THREE others.

1. How will you evaluate and rehabilitate an athetoid cerebral palsy child with normal intelligence? (20 marks)
 2. Define human development. Discuss in detail about the developmental achievement of a child from five years to sixteen years. (20 marks)
 3. Write short notes on :
 - (a) C.T.E.V.
 - (b) Erb's palsy.
 - (c) Cystic fibrosis.
 - (d) Kernicterus. (4 × 10 = 40 marks)
 4. Mention the common psychiatric disorders of childhood. Discuss in detail about the management. (20 marks)
 5. Discuss in detail about the occupational therapy modalities to be used to improve the functions of hand of an handicapped child. (20 marks)
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[692]

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE
EXAMINATION, APRIL 1992.**

(Fourth Semester — Old Regulations)

Paper I — OCCUPATIONAL THERAPY — II

(PAEDIATRIC OCCUPATIONAL THERAPY)

Time : Three hours.

Maximum : 100 marks

Answer any FOUR questions.

All questions carry equal marks.

- 1. Define "Language". Describe the stages of development of Language in a normal child upto the age 2 years.**
- 2. Briefly discuss how will you assess the Intellectual Development of a Normal child.**
- 3. Discuss the Psychosocial problems of a female child afflicted with Poliomyelitis of both lower limbs.**
- 4. How will you evaluate and rehabilitate a spastic cerebral palsy child with moderate intelligence ?**

5. Write short notes on:

- (a) Trisomy 18.**
 - (b) Hypertelorism.**
 - (c) Strabismus.**
 - (d) Sheltered workshop.**
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[PR 651]

Bachelor of Occupational Therapy

Degree Examination

(New Regulations)

V Semester

OCCUPATIONAL THERAPY IN PAEDIATRICS

Time: Three hours

Max. Marks: 10

Answer any FOUR Questions

All questions carry equal marks

1. Describe the role of Occupational Therapy in Psychological Reactions to disability in childhood
2. Describe an effective approach of Occupational Therapy in children with Minimal Brain Dysfunction
3. What is the role of Occupational Therapy in young children with Distortion of Emotional Relationship
4. Describe common habit disorders during Infancy
Explain occupational therapy for any two of them.

5. Write short notes on :

- (a) Perceptual development from birth to 3 years
- (b) Early Intervention for congenital disorders
- (c) Occupational Therapy in sensory motor integration
- (d) Application of occupational Therapy in paediatric splinting

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BACHELOR OF OCCUPATIONAL THERAPY DEGREE EXAMINATION
V SEMESTER NEW REGULATION

PAPER II OCCUPATIONAL THERAPY IN PAEDIATRICS

Time: Three hours

Max.marks: 100

Answer any FOUR Questions

All questions carry equal marks

1. What are primitive reflexes. How will you treat spastic Quadriplegic female child of 5½ years with sustained primitive reflexes of infancy.
2. Define Learning disability. Describe the detail assessment and management of 12 year old boy with specific learning disability.
3. What is your unique role in early intervention for congenital neurological disorders.
4. Describe reflex development in Gross Motor performance and its application in Occupational therapy for scientific rehabilitation.
5. Write notes on:
 - a. Ayre's sensory motor integration
 - b. Tonic Neck Reflexes
 - c. Occupational Therapy for hyperactive child
 - d. Behaviour disorder
 - e. Creative activities.

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ND 814

**Bachelor Of Occupational Therapy Degree Examination
OCCUPATIONAL THERAPY IN PAEDIATRICS**

Time : 3 Hours

Max : 100 Marks

Answer any four Questions

All Questions carry equal marks

- 1.** What is Stills disease. Describe Occupational therapy for eight year old child with Stills disease in convalescence. Discuss the indications for surgery.
- 2.** Describe detail assessment and treatment of a child of one month with spina bifida at the level of fifth Lumbar Root, referred to you after surgical treatment.
- 3.** What is the normal Reflex development from birth to ten months. What happens when primitive reflexes persist in Brain damaged children. Give examples.
- 4.** "Child failing to read and write at a proper age" Discuss the condition and skillful contribution of Occupational Therapist in the management.
- 5. Write notes on**
 - 1.** Paediatric splinting
 - 2.** Behaviour Disorder
 - 3.** Hyperactive child
 - 4.** Autism
 - 5.** Clinical types of cerebral palsy

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SB 828

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION
(New Regulations)**

Fifth Semester

Paper II Occupational Therapy in Paediatrics

**v). Occupational Therapy for Idiopathic infantile
scoliosis**

Time : Three hours

Max. 100 marks

**Answer any Four questions
All questions carry equal marks.**

- 1. What are the symptoms and clinical features of Infantile Rickets. Describe the role of play therapy in overcoming the symptoms.**
- 2. How will you treat 2 year old child with congenital dislocation of hip during hospitalization.**
- 3. What is osteogenesis imperfecta. Describe occupational therapy for a child with Infantile form of Osteogenesis Imperfecta.**
- 4. Describe congenital Torticollis. How will you treat a female child of 3 months with congenital Torticollis.**
- 5. Write notes on:**
 - i). Peto's conductive education**
 - ii). Sensory-perceptual dysfunction**
 - iii). Down's syndrome**
 - iv). Early intervention**

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[M B 944]

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE
EXAMINATION.**

(New Regulations)

Fifth Semester

Paper II — OCCUPATIONAL THERAPY IN PAEDIATRICS

Time : Three hours

Maximum : 100 marks

**Separate answer books must be used for Section A
and Section B.**

SECTION A — (50 marks)

1. Write an essay on any ONE of the following :
(14 marks)
 - (a) Management of Still's disease in Occupation Therapy.
 - (b) Normal reflex developments till one year of age.
2. Write brief answers to any TWO of the following :
(2 × 8 = 16 marks)
 - (a) What are the principles of education for perceptual and cognitive training?
 - (b) What is Poliomyelitis? Explain the precautions required for preventing common deformities.
 - (c) What is Down's syndrome? How does Occupational Therapist help in their ADC activities.

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[M B 944]

3. Write short notes on any FIVE of the following :
(5 × 4 = 20 marks)
- (a) Autism.
 - (b) Hydrocephals.
 - (c) Value of Play.
 - (d) Peto's conductive education.
 - (e) Rickets.
 - (f) Cognitive perceptual motor development.
 - (g) Creative activities.

SECTION B — (50 marks)

4. Write an essay on any ONE of the following :
(14)
- (a) Management of Erb's Palsy in Occupational Therapy.
 - (b) Psychological reactions to disabilities in childhood and role of Occupational Therapy.
5. Write brief answers to any TWO of the following :
(2 × 8 = 16 marks)
- (a) What is Cerebral Palsy? Explain Ayre's sensory motor Interaction.
 - (b) What are the signs and symptoms of Muscular dystrophy and role of Occupational Therapy.
 - (c) How does Occupational Therapy intervention in Spina Prifider minimise the development delays?

[M B 944]

6. Write short notes on any FIVE of the following :
(5 × 4 = 20 marks)
- (a) Occupational Therapy programme for child with hyperkinetic behaviour.
 - (b) Activities for body image training.
 - (c) Learning disability.
 - (d) Rood's neuromuscular facilitation.
 - (e) Arthrogryphous.
 - (f) Behaviour disorder.
 - (g) Paediatric splinting.
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[AK944]

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

(Now/Revised Regulations)

Fifth Semester

**Paper II — OCCUPATIONAL THERAPY IN
PAEDIATRICS**

Time : Three hours

Maximum : 100 marks

**Answer Section A and B in separate
answer books.**

SECTION A — (50 marks)

Write an essay on any ONE of the following :

(14 marks)

(a) Management of Erb's Palsy in Occupational Therapy.

**(b) Pattern of normal motor development till the age of
one year.**

**4. Write brief answers to any TWO of the following :
(2 × 8 = 16 marks)**

(a) What is cerebral palsy and its management?

**(b) What is the role of Occupational Therapy in Deaf and
dumb children?**

**(c) What are the factors which affect emotional and social
development of a physically handicapped child.**

[AK944]

**3. Write short notes on any FIVE of the following :
(5 × 4 = 20 marks)**

(a) Metabolic disorders.

(b) Creative activities.

(c) Epilepsy in children.

(d) Sensory integration.

(e) Spina bifida.

(f) Righting reactions.

(g) Vestibular ball.

SECTION B — (50 marks)

**4. Write an essay on any ONE of the following :
(14 marks)**

**(a) The principles in the commonly used techniques in the
treatment of cerebral palsy.**

(b) Cognitive perceptual motor development.

**5. Write brief answers to any TWO of the following :
(2 × 8 = 16 marks)**

**(a) Explain the value of play for growing child and how
this media is used therapeutically.**

**(b) Discuss the special needs of physically handicapped
children.**

**(c) Explain the role of occupational therapy in a child
affected with Poliomyelitis.**

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[AK944]

6. Write short notes on any FIVE of the following :
(5 × 4 = 20 marks)

- (a) Equilibrium reactions.
 - (b) Mental retardation.
 - (c) Learning disability.
 - (d) Night blindness.
 - (e) Hyperactivity.
 - (f) High risk infants.
 - (g) Peto's – conductive education.
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\ FA 744 /

BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION
(New / Revised Regulations)
Fifth Semester

Paper II - OCCUPATIONAL THERAPY IN PAEDIATRICS

Answer Sections A and B in
separate answer books

SECTION - A (50 marks)

1. Write an essay on any ONE of the following: (1x14=14)
 - a) Early intervention for high risk infants.
 - b) Management of 6 month old child with paralytic poliomyelitis of both upper extremities.
2. Write brief answers on any TWO: (2x8=16)
 - a) Splinting in Erb's Palsy
 - b) Occupational therapy aim for nutritional disorders.
 - c) Value of creative activities for developing cognitive functions.
3. Write short notes on any FIVE: (5x4=20)
 - a) Key points of control
 - b) Rhythmic intention
 - c) Energy conservation for cardiac conditions
 - d) Development of grasp

- e) Dyslexia
- f) Toys for an one month old infant
- g) Vestibular stimulation

SECTION - B (50 marks)

1. Write an essay on any ONE: (1x14=14)
 - a) Sensory-integrative therapy for learning disability.
 - b) Normal motor development from birth to two years of age.
2. Write brief answers on any TWO: (2x8=16)
 - a) Value of play therapy for a hospitalised child
 - b) O.T. intervention in Down's syndrome
 - c) Hand function assessment in children
3. Write short notes on any FIVE: (5x4=20)
 - a) Mobility training for visually handicapped.
 - b) Opponens Splint
 - c) Tactile defensiveness
 - d) Joint compression
 - e) Rood's inhibitory techniques
 - f) Developmental dyspraxia
 - g) Positive reinforcement.

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[MS 944]

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE
EXAMINATION.**

Fifth Semester

(New/Revised Regulations)

Paper II — OCCUPATIONAL THERAPY IN PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in separate answer books.

SECTION A

1. Write an essay on any ONE of the following : (20)
 - (a) Psychological reactions to disability in childhood and role of occupational therapist in dealing with them.
 - (b) Principles of special education for perceptual and cognitive training.
2. Write short notes on any SIX : (6 × 5 = 30)
 - (a) Athetosis.
 - (b) Sucking reflex.
 - (c) Premature infant.
 - (d) Activities to improve precision grasp.
 - (e) Down's syndrome.
 - (f) Asymmetrical tonic neck reflex.
 - (g) Sensory dysfunction.
 - (h) Opisthotonus.

[MS 944]

SECTION B

3. Write an essay on any ONE of the following : (20)
 - (a) Neurodevelopmental approach in evaluation and treatment of cerebral palsy.
 - (b) Functional significance of reflex maturation with physical development from birth to 18 months of age.
4. Write short notes on any SIX : (6 × 5 = 30)
 - (a) Vestibular disorder.
 - (b) Apraxia management.
 - (c) Associated reactions.
 - (d) Postural adaptation.
 - (e) Child care techniques.
 - (f) Jaw control.
 - (g) Learning disorder.
 - (h) Balancing board.

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[SV 944]

Sub. Code : 5297

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

Fifth Semester

(Revised Regulations)

Paper II — OCCUPATIONAL THERAPY IN PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in separate answer books.

SECTION A

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

(a) What is the normal reflex development from birth to 10 months? What happens when primitive reflexes persist in Brain damaged children? Give examples.

(b) What is Down's syndrome? Describe briefly the clinical features and explain the role of occupational therapy in its management.

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

(a) Paediatric splinting

(b) ATNR

(c) Hyperactive child

(d) Creative activities

(e) Innate primary reactions

(f) Intelligent quotient

(g) Balancing board

(h) Plasticine.

SECTION B

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

(a) Write in detail the psychological aspects of hospitalization and occupational therapy role.

(b) How do you grade mental retardation? What advise will you give to a parent of mental retarded child as an Occupational Therapist?

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

(a) Play therapy

(b) Equilibrium reactions

(c) Common disorder of speech

(d) Tests for coordination

(e) Medicinal ball

(f) Bolster

(g) Hydrocephalus

(h) Behaviour disorders.

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[SM 944]

BACHELOR OF OCCUPATIONAL THERAPY DEGREE
EXAMINATION.

Fifth Semester

(New/Revised Regulations)

Paper II — OCCUPATIONAL THERAPY IN PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in separate answer books.

SECTION A

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

(a) Describe the principles of human development in detail with examples.

(b) Describe Occupational Therapy for a child with infantile Autism.

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

(a) Balance board.

(b) Water play.

(c) R.I.P.

(d) Positive supporting reaction.

(e) Pivot prone position.

(f) 'Over-correction'.

(g) Games for vestibular stimulation.

(h) Adductor block.

SECTION B

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

(a) Describe the development of hand functions in a normal child.

(b) Describe Occupational Therapy for a 2 year old child with Erb's palsy.

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

(a) Peto's chair.

(b) Creative play.

(c) Adaptation.

(d) Neonatal states.

(e) Sucking reflex.

(f) Handling.

(g) Prone-roll.

(h) Toys for a 2 year old.

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[SG 944]

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION.**

Fifth Semester

(New/Revised Regulations)

**Paper II — OCCUPATIONAL THERAPY IN
PAEDIATRICS**

Time : Three hours

Maximum : 100 marks

Answer Section A and B in separate answer books.

SECTION A

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

(a) What is meant by special education and explain its principles of education for perceptual and cognitive training.

(b) What is the role of occupational therapist in the Rehabilitation of visual and auditory loss in children.

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

- (a) Erb's Palsy**
- (b) Postural reactions**
- (c) Milestones of the Prone progression**
- (d) Common deformities found in poliomyelitis**
- (e) Rickets**
- (f) MBD**
- (g) Apraxia**
- (h) Cardiac conditions of childhood.**

SECTION B

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

(a) Explain the modalities used in Occupational Therapy with special reference to Mental Retarded children.

(b) What are the signs and symptoms of Muscular Dystrophy? Elaborate on the role of occupational therapy in the treatment of this condition.

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

- (a) Perceptual testing**
- (b) Vestibular ball**
- (c) Body Image concept**
- (d) STNR**
- (e) High risk infants**
- (f) Peto's conductive education**
- (g) Nutritional Disorders**
- (h) Educational methods for auditory loss.**

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[KB 949]

Sub. Code : 5697

B.O.T. DEGREE EXAMINATION.

Fifth Semester

(Revised Regulations)

**Paper II — OCCUPATIONAL THERAPY IN
PAEDIATRICS**

Time : Three hours

Maximum : 100 marks

Answer Section A and B in separate answer books.

SECTION A

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

(a) Role of occupational therapy for a child with infantile autism.

(b) How will you as (O. Therapist) manage a 6 month old child affected by paralytic polio myelitis of both upper extremities?

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

(a) Down's syndrome

(b) O.T. in sensory motor integration

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- (c) Vestibular stimulation
- (d) Dyslexia
- (e) Pivot prone position
- (f) O.T. in paediatric splinting
- (g) Early intervention for congenital disorders
- (h) Hand function assessment in children.
- (d) Toys for one month old infant
- (e) 'Over-correction'
- (f) Water play
- (g) Suckling reflex
- (h) Peto's chair.

SECTION B

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

(a) Role of occupational therapy in children with minimal brain dysfunction.

(b) Normal motor development from birth to two years.

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

- (a) Development of grasp
- (b) Tactile defensiveness
- (c) Joint compression

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[KC 949]

Sub. Code : 5697

B.O.T. DEGREE EXAMINATION.

Fifth Semester

(Revised Regulations)

**Paper II — OCCUPATIONAL THERAPY IN
PAEDIATRICS**

Time : Three hours

Maximum : 100 marks

Answer Section A and B in separate Answer Books.

SECTION A

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

(a) What are special education principles of education for perceptual and cognitive training.

(b) Explain the role of occupational therapy in cerebral palsy. Explain different splints used in C.P.

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

- (a) Common deformities seen in poliomyelitis.
- (b) Equilibrium Reaction.
- (c) Cardiac conditions of childhood.
- (d) Paediatric wheel chair.
- (e) Denis-Browne splint.
- (f) Spina-Bifida.
- (g) High Risk Infants.
- (h) Sexual identification.

SECTION B

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

(a) Explain the modalities used in occupational therapy with special reference to mentally retarded children.

(b) List out the different congenital deformities seen in children. Explain one of them in detail.

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

- (a) Pott's spine.
- (b) Dystonia.
- (c) Clonus.
- (d) Righting Reaction.
- (e) Rickets.
- (f) Encephalitis.
- (g) Apraxia.
- (h) Body image concept.

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[KC 960]

Sub. Code : 5718

B.O.T. DEGREE EXAMINATION

Sixth Semester

(Modified Regulations)

O.T. IN PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer Section A and B in separate answer books.

SECTION A

1. Write an essay on any ONE of the following : (20)
 - (a) Describe the primitive reflex development in an normal infant.
 - (b) Describe the creative activity as a treatment approach.
2. Write short notes on any SIX : (6 × 5 = 30)
 - (a) Developmental mile-stone
 - (b) Play therapy
 - (c) Vestibular stimulation
 - (d) Posterior tube splint
 - (e) Dressing techniques in cerebral palsy

(f) Fine motor skill development

(g) Rolling

(h) Standing frame.

SECTION B

3. 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 role of occupational therapist in rehabilitation of the children with Arthrogryphosis.
4. Write short notes on any SIX : (6 × 5 = 30)
 - (a) Spina bifida
 - (b) Clay modelling
 - (c) Parents role in evaluation.
 - (d) 'W' sitting
 - (e) Positioning cerebral palsy child during feeding
 - (f) Positive reinforcement
 - (g) Auditory loss—special characteristics relevant to occupational therapy
 - (h) CP walker.