

MANIPAL UNIVERSITY**SECOND YEAR M.O.T. DEGREE EXAMINATION – MAY 2012****SUBJECT: PAPER – IV: OCCUPATIONAL THERAPY PRACTICE ISSUES**

Monday, May 28, 2012

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 100

✍ **Answer ALL the questions.**

✍ **Long questions:**

1. Discuss in detail the psychosocial theories of aging and its application in occupational therapy practice with older adults.

(20 marks)

2. Discuss the pathophysiology and clinical manifestations of COPD. Describe the occupational therapy management for the same.

(20 marks)

3. Describe in detail the genesis, registration, administration and benefits of Employee State Insurance Act.

(20 marks)

4. Discuss the types of haemophilia. Describe the existing medical management with special emphasis to home based treatment.

(20 marks)

5. **Write short notes:**

5A. With the help of 'integrative, bio-psycho-social model of ICF', explain the interaction of its components.

5B. Define 'work hardening' and its difference from physical conditioning.

(10×2 = 20 marks)



Reg. No.

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SECOND YEAR M.O.T. DEGREE EXAMINATION – MAY 2012

SUBJECT: (ELECTIVE) PAPER – V: OCCUPATIONAL THERAPY IN NEUROSCIENCES

Wednesday, May 30, 2012

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 100

✍ **Answer ALL the questions.**

✍ **Long questions:**

1. Explain in detail the assessment of balance deficits in a patient with hemiplegia. Discuss the occupational therapy management for the same.

(15+20 = 35 marks)

2. Define and classify Motor Neuron Disease. Discuss in detail the role of occupational therapy for a 40 years old male shopkeeper diagnosed with Amyotrophic Lateral Sclerosis.

(15+20 = 35 marks)

3. **Write short notes on:**

3A. Secondary complications of spinal cord injury

3B. Assessment of aphasia

3C. Constructional apraxia

(10×3 = 30 marks)



Reg. No.

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SECOND YEAR M.O.T. DEGREE EXAMINATION – MAY 2012

SUBJECT: (ELECTIVE) PAPER – V: OCCUPATIONAL THERAPY IN CHILD HEALTH

Wednesday, May 30, 2012

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Question:**

1. Describe executive dysfunctions and visual processing dysfunction of learning disabled children. Explain how the sensory processing dysfunctions are identified and their management in occupational therapy.

(15+10+10 = 35 marks)

2. Describe the development of biting and chewing in infants. Explain the motor issues affecting the feeding process in children. Describe some of the techniques to diminish tongue thrust in infants.

(15+10+10 = 35 marks)

3. **Write short notes on:**

3A. List the factors by which the respiratory system is compromised in patients with muscular dystrophy. Describe the techniques and any two factors to be bore in mind while imparting breathing exercises for children with muscular dystrophy.

(5+5 = 10 marks)

3B. Role of proprioception as discriminative and modulatory function.

(10 marks)

3C. Describe the pathophysiology of spasticity manifestation. Explain the mechanism of botulin toxin in the reduction of spasticity.

(10 marks)

