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MANIPAL UNIVERSITY
SECOND YEAR M.O.T. DEGREE EXAMINATION – MAY 2013
SUBJECT: PAPER – V: OCCUPATIONAL THERAPY PRACTICE ISSUES

Monday, May 27, 2013

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Long Questions:**

1. Describe the stages of decision tree process. Discuss any three type of reasoning used in occupational therapy practice.

(10+15 = 25 marks)

2. Do cultural beliefs and values affect occupational therapy assessment and interventions? Explain, what are the steps to improve multicultural competence in Occupational therapy practice?

(15+10 = 25 marks)

3. **Write short notes on:**

3A. AOTA code of ethics for professional practice.

(10 marks)

3B. Describe leadership skills and influential behaviors in leader.

(5+5 = 10 marks)

3C. Technological management under managerial function.

(10 marks)



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MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – MAY 2013

SUBJECT: PAPER – VI: OCCUPATIONAL THERAPY IN NEURO REHABILITATION (SECTION A)

Wednesday, May 29, 2013

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Long questions:**

1. Explain recovery of function. Discuss in detail factors affecting recovery of function.

(25 marks)

2. Explain the application of the biomechanical approach in neuro-rehabilitation with suitable examples.

(25 marks)

3. **Write short notes on:**

3A. Motor development sequences in Rood's approach.

3B. Occupation-based focus in the Task-oriented Approach .

3C. Strategies for retraining sit-to-stand in clients with neurological disorders.

(10×3 = 30 marks)



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MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – MAY 2013

SUBJECT: PAPER – VI: OCCUPATIONAL THERAPY IN DEVELOPMENTAL DISABILITIES (SECTION A)

Wednesday, May 29, 2013

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Long questions:**

1. What are two assumptions of the biomechanical frame of reference for normal development? Describe the developmental sequence of motor behaviors characteristics in prone and sitting position.

(15+10 = 25 marks)

2. Explain the inferences you would draw from the two motor system controls for hand movements. Explain the principles of fine-motor therapy program in children with examples.

(15+10 = 25 marks)

3. **Write short notes on:**

3A. Remedial and compensatory approach for the treatment of awareness.

(10 marks)

3B. Discuss on the influence of age, gender and culture on the sensory responsivity patterns in typical children. Support your discussion with evidence based on literature.

(5+5 = 10 marks)

3C. Describe the characteristics of multi-context approach. How does this approach address transfer of learning?

(5+5 = 10 marks)



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SECOND YEAR M.O.T. DEGREE EXAMINATION – MAY 2013

SUBJECT: PAPER – VI: OCCUPATIONAL THERAPY IN MENTAL HEALTH & PSYCHOSOCIAL REHABILITATION (SECTION A)

Wednesday, May 29, 2013

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL Questions.**

✍ **Long Questions:**

1. Describe the Occupational Therapy process in mental health settings. (25 marks)
2. Explain 'Work' as a domain of concern for Psychosocial Occupational Therapy. (25 marks)

3. **Write short notes on:**

- 3A. Indications and contra-indications for using 'Reconciliation of universal issues' frame of reference.
- 3B. Theories of motivation - importance to Psychosocial Occupational Therapy practice.
- 3C. Role of activities in Psychoanalytic frame of reference.

(10×3 = 30 marks)



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SECOND YEAR M.O.T. DEGREE EXAMINATION – MAY 2013

SUBJECT: PAPER – VI: OCCUPATIONAL THERAPY IN HAND & MUSCULOSKELETAL CONDITIONS (SECTION A)

Wednesday, May 29, 2013

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the Questions.**

✍ **Long Questions:**

1. Low temperature thermoplastic has made life easy for therapists. Discuss.

(25 marks)

2. Discuss the pathomechanics of thumb deformities in a rheumatoid hand.

(25 marks)

3. Write short notes on:

3A. Arches make hand versatile. Discuss.

3B. Discuss the social context of 'assistive technology'.

3C. 'Good assessment is the cornerstone in the role of OT in musculoskeletal conditions'.
Describe.

(10×3 = 30 marks)



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SECOND YEAR M.O.T. DEGREE EXAMINATION – MAY 2013

**SUBJECT: PAPER – VI: OCCUPATIONAL THERAPY IN HAND & MUSCULOSKELETAL
CONDITIONS (SECTION B)**

Friday, May 31, 2013

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

Answer ALL the Questions.

Long Questions:

1. Discuss the strategies of basic acute management in sports injury.

(25 marks)

2. Describe the stability and mobility factor of vertebral column.

(25 marks)

3. Write short notes on:

3A. Describe 'socket' of a lower extremity prosthesis.

3B. Bladder management in spinal cord injury.

3C. What are the various orthotic options available in case of low back pain and their respective mechanical considerations?

(10×3 = 30 marks)



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MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – MAY 2013

SUBJECT: PAPER – VI: OCCUPATIONAL THERAPY IN MENTAL HEALTH & PSYCHOSOCIAL REHABILITATION (SECTION B)

Friday, May 31, 2013

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ Answer ALL Questions.

✍ Long Questions:

1. Discuss the psychosocial issues in the elderly and enumerate Occupational Therapy treatment goals. Identify and describe the use of any five suitable activities for Indian elderly and provide justification for their selection in the Occupational Therapy program.

(10+15 = 25 marks)

2. Explain the concept of assertiveness. Describe steps involved in assertiveness training with suitable examples.

(5+20 = 25 marks)

3. Write short notes on:

3A. Role of 'arts and crafts' in psychosocial Occupational Therapy.

3B. Transference and counter transference in therapy.

3C. Occupational Therapy intervention for clients with Dissociative disorders.

(10×3 = 30 marks)



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SECOND YEAR M.O.T. DEGREE EXAMINATION – MAY 2013

SUBJECT: PAPER – VI: OCCUPATIONAL THERAPY IN NEURO REHABILITATION (SECTION B)

Friday, May 31, 2013

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions**

✍ **Long questions:**

1. Discuss in detail the problems contributing to dysphagia in a patient with hemiplegia and the management of the same.

(10+15 = 25 marks)

2. Explain the assessment of fall risk in older adults.

(25 marks)

3. Write short notes on:

3A. Role of OT in management of seizures disorders.

3B. OT assessment of bladder functions in neurological disorders.

3C. Ideational and Ideomotor apraxia.

(10×3 = 30 marks)



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MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – MAY 2013

SUBJECT: PAPER – VI: OCCUPATIONAL THERAPY IN DEVELOPMENTAL DISABILITIES
(SECTION B)

Friday, May 31, 2013

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions**

✍ **Long questions:**

1. Describe the characteristic features of attention deficit and hyperactivity disorder (AD/HD). Explain Barkley model and the treatment approach based on the above model.

(10+15 = 25 marks)

2. Describe the pathophysiology of Juvenile rheumatoid arthritis. Explain the patho-mechanics of any one deformity in hand. Discuss the occupational therapy intervention.

(15+10 = 25 marks)

3. **Write short notes on:**

3A. Describe the tendon transfers of hand for Erb's palsy involvement. Explain the post-operative re-training program following tendon transfer.

(5+5 = 10 marks)

3B. Describe the advantage and limitation of gross motor functional classification system used for children with cerebral palsy.

(10 marks)

3C. Individual Education Plan (IEP).

(10 marks)

