

MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2016

SUBJECT: PAPER – V: OCCUPATIONAL THERAPY PRACTICE ISSUES

Wednesday, June 01, 2016

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

- ✍ **Answer ALL the questions.**
- ✍ **Draw diagram wherever necessary.**

✍ **Long Questions:**

1. Define clinical reasoning. Describe the steps in decision tree process.
(5+20 = 25 marks)
2. Discuss fourfold curriculum model of teaching and learning. Describe the process of learning and teaching by problem solving method.
(15+10 = 25 marks)
3. **Write short notes on:**
 - 3A. Describe the sources of entrepreneur ideas.
 - 3B. Briefly outline the issues related to communication barriers.
 - 3C. Describe the level one research evidence with an example.

(10 marks × 3 = 30 marks)



MANIPAL UNIVERSITY**SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2016****SUBJECT: PAPER – VI: OCCUPATIONAL THERAPY IN NEURO REHABILITATION (SECTION-A)**

Friday, June 03, 2016

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Long Questions:**

1. Define motor learning. Describe the forms of learning and its application of motor learning in neuro-rehabilitation.

(5+20 = 25 marks)

2. Explain the concept of sensory integration. Discuss the scope of its application in adult neurological dysfunction.

(15+10 = 25 marks)

3. **Short notes:**

3A. Assessment of postural control in traditional and contemporary neurodevelopmental therapy.

3B. Therapeutic exercises for neuromuscular coordination.

3C. Explain the use of 'inverted position' in neuro-rehabilitation.

(10 marks × 3 = 30 marks)



MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2016

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

Friday, June 03, 2016

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ Answer ALL the questions.

✍ Long questions:

1. What are basis of functional support capabilities of sensory integration? Describe guide to evaluate functional support capabilities and their intervention.

(5+10+10 = 25 marks)

2. Describe the development of visual discrimination and form constancy in children. Explain their evaluation and principles of intervention.

(10+5+10 = 25 marks)

3. Short notes:

3A. Discuss the classical and modern theories of play with suitable examples.

(5+5 = 10 marks)

3B. Development of prehensions.

(10 marks)

3C. Causes and intervention for motor and sensory issues in feeding.

(10 marks)



MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2016

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

Friday, June 03, 2016

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL Questions.**

✍ **Long Questions:**

1. Explain the role of psychosocial Occupational Therapy in de-addiction centres. (25 marks)

2. Describe the behaviours indicating dysfunction and process of reconciliation of the universal issues of trust and dependence/ independence. (25 marks)

3. **Short notes:**

3A. Trait theories of personality

3B. Role of activities in assessment of clients with mental illness

3C. Defense mechanisms

(10 marks × 3 = 30 marks)



MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2016

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

Friday, June 03, 2016

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Long questions:**

1. Describe the characterization of assistive technology. (25 marks)

2. Describe the intrinsic musculatures of the hand and its role in producing the movements of the finger. (15+10 = 25 marks)

3. **Short notes:**

3A. Describe two finger based tests to demonstrate structural derangements. (5+5 = 10 marks)

3B. Describe Barton's fracture. (10 marks)

3C. Describe indications of tendon transfer. (10 marks)



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MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2016

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

Monday, June 06, 2016

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Long questions:**

1. Describe a comprehensive rehabilitation program for a 30 year old man with right above elbow amputation.

(25 marks)

2. Describe various aspects of 'shoulder complex' and an overview of the pathological conditions involving the shoulder complex.

(15+10 = 25 marks)

3. **Short notes:**

3A. Describe the principles of postural correction in standing to prevent back pain.

(10 marks)

3B. Describe the principles of injury prevention in the field of sports.

(10 marks)

3C. Describe types of fracture and fracture displacement.

(6+4 = 10 marks)



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MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2016

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

Monday, June 06, 2016

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL Questions.**

✍ **Long questions:**

1. Describe the conditions included in cluster C of personality disorders. Explain occupational therapy interventions for management of these conditions.

(10+15 = 25 marks)

2. Enumerate the skills required for independent living. Explain occupational therapy interventions in any four areas to enable people with mental illness manage independent living.

(5+20 = 25 marks)

3. **Short notes:**

3A. Psychosocial concerns in the elderly

3B. Mosey's classification of activity groups

3C. Components of a social skills training program

(10 marks × 3 = 30 marks)



MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2016

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

Monday, June 06, 2016

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ Answer ALL the questions.

✍ Long questions:

1. Describe development of standing in normal child and compare with that of child with cerebral palsy. What factors are considered to improve standing and gait for child with cerebral palsy?

(10+8+7 = 25 marks)

2. Describe syn-active theory as a basis of behavioral organization of a pre-term infant. What factors are considered in modifying the environment and positioning infant in NICU?

(10+5+10 = 25 marks)

3. Short notes:

3A. Describe the stages of post burn healing of tissues. Explain the rationale of post-burn contracture.

(5+5 = 10 marks)

3B. What outcome measures are suitable for children with HIV?

(10 marks)

3C. Orthotic management of high paralysis of a child with spina bifida.

(10 marks)



MANIPAL UNIVERSITY**SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2016****SUBJECT: PAPER – VI: OCCUPATIONAL THERAPY IN NEURO REHABILITATION (SECTION-B)**

Monday, June 06, 2016

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Long questions:**

1. Explain the etiopathology, development and implications of decubitus ulcers in clients with neurological disorders. Describe the occupational therapy assessment and management for the same with research advances.

(10+15 = 25 marks)

2. Explain in detail occupational therapy management in multiple sclerosis.

(25 marks)

3. **Short notes:**

3A. Role of OT in management of seizures disorders

3B. Bilateral arm training

3C. Ideational and Ideomotor apraxia

(10 marks × 3 = 30 marks)

