

MANIPAL UNIVERSITY**SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2017****SUBJECT: PAPER – V: OCCUPATIONAL THERAPY PRACTICE ISSUES**

Thursday, June 01, 2017

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

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

✍ **Long Questions:**

1. Describe the fourfold curriculum model in teaching learning process. Explain the significance of perceptual and cognitive development in planning curriculum for education.
(15+10 = 25 marks)
2. Describe the various strategies used by experienced clinician during reasoning. Discuss how pattern recognition strategies used in occupational therapy practice.
(15+10 = 25 marks)
3. **Write short notes on:**
 - 3A. Describe the any five important characteristics of an effective leader.
 - 3B. Discuss the time management strategies to achieve organizational goals.
 - 3C. Discuss the types of budget.(10 marks × 3 = 30 marks)



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MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2017

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

Saturday, June 03, 2017

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Long questions:**

1. Describe the overview of rehabilitative management for a case with complex injury of hand.
(25 marks)
2. Discuss the pathomechanics of thumb deformities in a rheumatoid hand.
(25 marks)

3. **Short notes:**

- 3A. Discuss various aspects of sensory re-education following a peripheral nerve injury.
(10 marks)
- 3B. Define assistive technology and describe a typical assistive technology team and role of individual members.
(4+6 = 10 marks)
- 3C. Describe the pathomechanics of brachial plexus injury.
(10 marks)



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MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2017

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

Saturday, June 03, 2017

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ Answer ALL the questions.

✍ Long Questions:

1. Explain the problems of reach, grasp and manipulation in clients with neurological disorders.
(25 marks)
2. Explain the fundamental concepts of the occupational therapy task oriented approach. Provide research evidence of its effectiveness.

(15+10 = 25 marks)

3. Short notes:

- 3A. Provide any two research evidence for the use of the biomechanical frame of reference in neuro-rehabilitation.
- 3B. Clinical presentation of sensory integrative dysfunction in adult neurological disorders.
- 3C. Characteristics of heavy and light work muscles.

(10 marks × 3 = 30 marks)



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MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2017

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

Saturday, June 03, 2017

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Long questions:**

1. What skills are acquired in the development of peer interaction? Identify factors that influence functional and/ dysfunctional basis of peer interaction and strategies for remediation.

(5+10+10 = 25 marks)

2. Describe the development of grasp and its influence on handling the writing tool in children. Discuss the perceptual and cognitive factors influencing the legibility and strategies for intervention.

(10+10+5 = 25 marks)

3. **Short notes:**

3A. Describe sensory integration as the basis of praxis development.

3B. Development of biting and chewing in children.

3C. Evaluation of cortical controlled reflexes/reactions.

(10 marks × 3 = 30 marks)



MANIPAL UNIVERSITY**SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2017**

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

Saturday, June 03, 2017

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ Answer ALL Questions.

✍ Long Questions:

1. Explain the function-dysfunction continuum of role acquisition frame of reference in the context of a parent role. Describe methods of facilitating communication skills in this role. (15+10 = 25 marks)
2. Explain the different theories of personality with their limitations. (25 marks)

3. Short notes:

- 3A. Role of occupational therapy in in-patient psychiatric settings.
- 3B. Influence of school based occupations on psychosocial development in middle childhood.
- 3C. Change process in reconciliation of universal issues.

(10 marks×3 = 30 marks)



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MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2017

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

Tuesday, June 06, 2017

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL Questions.**

✍ **Long questions:**

1. Describe the impact of cognitive impairments on functioning in schizophrenia. Explain occupational therapy interventions to manage the same.

(10+15 = 25 marks)

2. Discuss the various ways obsessive-compulsive disorder can affect occupational functioning of an individual and explain the role of occupational therapy in improving the same.

(10+15 = 25 marks)

3. **Short notes:**

3A. Occupational therapy goals in borderline personality disorder.

3B. Training for health maintenance.

3C. Components of assertiveness training.

(10 marks × 3 = 30 marks)



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SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2017

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

Tuesday, June 06, 2017

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Long questions:**

1. Describe, compare and contrast the LOTCA and A-ONE assessment of cognitive functions.
(25 marks)
2. Explain occupational therapy role in family intervention with traumatically brain injured patient.
(25 marks)

3. **Short notes:**

- 3A. Explain with research evidence any two interventions used for shoulder subluxation.
- 3B. Therapy implications of drugs used in management of hypertension in clients undergoing neurological rehabilitation.
- 3C. Precautions in management of clients with autonomic dysfunction.
(10 marks × 3 = 30 marks)



MANIPAL UNIVERSITY**SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2017****SUBJECT: PAPER – VI: OCCUPATIONAL THERAPY IN DEVELOPMENTAL DISABILITIES
(SECTION-B)**

Tuesday, June 06, 2017

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Long questions:**

1. Explain the criteria for identifying children with development coordination disorder. What are the characteristics of motor performances in children with DCD? Explain in brief the theories that laid foundation of CO-OP model for children with DCD.

(5+10+10 = 25 marks)

2. Describe the neuropathology and mention any three associated impairment in children with Down's syndrome. Discuss the sensory integration issues and their implication on motor learning in children with Down's syndrome.

(10+5+10 = 25 marks)

3. **Short notes:**

- 3A. Botulinum toxicity and movement training in children with cerebral palsy.

(5+5 = 10 marks)

- 3B. Describe edema and scar management following burn-injury.

(10 marks)

- 3C. Describe orthotic management of paralysis involving knee muscles in poliomyelitis.

(10 marks)



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SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2017

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

Tuesday, June 06, 2017

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Long questions:**

1. Discuss the various considerations in managing a patient with paraplegia.

(25 marks)

2. Describe the principles and precautions of range of motion exercises.

(25 marks)

3. **Short notes:**

3A. Describe the classification and complications of femoral neck fracture.

3B. Describe the patho-mechanics of clubfoot.

3C. Describe the pathophysiology of rheumatoid arthritis.

(10 marks × 3 = 30 marks)

