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MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2015

SUBJECT: PAPER – V: OCCUPATIONAL THERAPY PRACTICE ISSUES

Monday, June 01, 2015

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ Answer ALL the questions.

✍ Draw diagram wherever necessary.

✍ Long Questions:

1. Explain the philosophical perspectives of medical and occupational therapy code of ethics. Describe any five differences between teleology and deontology theories of moral obligation. (15+10 = 25 marks)
2. Discuss any three theories of leadership. Describe any five qualities that influence leadership. (15+10 = 25 marks)
3. Write short notes on:
 - 3A. Describe the skills needed for occupational therapy entrepreneurs.
 - 3B. Explain the importance of culture in occupational therapy assessment.
 - 3C. Discuss managerial roles and responsibilities.(10 marks × 3 = 30 marks)



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SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2015

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

Wednesday, June 03, 2015

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Long Questions:**

1. What are the stages of Piaget cognitive development? Design activities for cognitive impairment child and give reasons for selection of activities across each stage.
(10+10+5 = 25 marks)
2. Describe the development of postural control of trunk. Discuss function-dysfunction continua of antigravity posture and movement and their postulates regarding change.

(5+10+10 = 25 marks)

3. **Short notes:**

3A. Discuss the role of sensory system in postural control

(10 marks)

3B. Assessment of vestibular and bilateral integration dysfunction

(5+5 = 10 marks)

3C. Discuss on factors that influence handwriting

(10 marks)



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MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2015

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

Wednesday, June 03, 2015

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

☞ Answer ALL the questions.

☞ Long Questions:

1. Describe the medical and rehabilitative management of non-articular fractures of finger.
(25 marks)

2. Discuss the outcomes of median nerve involvement and its rehabilitative management with emphasis on tendon transfers.
(25 marks)

3. Short notes:

3A. Describe grip and pinch assessment.
(5+5 = 10 marks)

3B. Describe the classification of brachial plexus injury.
(10 marks)

3C. Discuss the pathomechanics of swan neck deformity in a rheumatoid hand.
(10 marks)



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SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2015

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

Wednesday, June 03, 2015

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ Answer ALL the questions.

✍ Long Questions:

1. Describe the types of resistance exercises with indications, contraindications and precautions for use in neurological disorders.

(25-marks)

2. Compare and contrast the traditional and contemporary Bobath concept. Explain how the changes in Bobath concepts have influenced occupational therapy assessment and treatment for neurological disorders.

(10+15 = 25 marks)

3. Short notes:

3A. Distance versus location programming theories

3B. PNF treatment techniques based on the principle of 'successive induction'

3C. Dynamic action theory of motor control

(10 marks × 3 = 30 marks)



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MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2015

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

Friday, June 05, 2015

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Long questions:**

1. Explain the role of occupational therapy in acute to subacute rehabilitation following cerebrovascular accident.

(25 marks)

2. Discuss the occupational therapy goals for a comatose patient. Describe the rationale for coma stimulation. Explain coma stimulation with research evidence of its effectiveness.

(10+5+10 = 25 marks)

3. **Short notes:**

3A. Behavioral inattention test

3B. Clinical presentation of complex regional pain syndrome

3C. Occupational therapy management for tremors in Parkinson's disease

(10 marks × 3 = 30 marks)



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SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2015

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

Friday, June 05, 2015

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Long questions:**

1. Discuss the principles of rehabilitation in sports injury.
(25 marks)

2. Discuss various hip arthroplasties and comprehensive rehabilitation program for patients undergone total hip arthroplasty.
(5+20 = 25 marks)

3. **Short notes:**

3A. Describe the psychosocial impact of spinal cord injury.

3B. Describe the structure and function of inter vertebral disc.

3C. Describe the essentials of scar management in burn case.

(10+10+10 = 30 marks)



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MANIPAL UNIVERSITY

SECOND YEAR M.O.T. DEGREE EXAMINATION – JUNE 2015

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

Friday, June 05, 2015

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Long questions:**

1. Describe the Ecological model of sensory modulation dysfunction (SMD) and explain its base in understanding attention deficit disorders (ADD) by briefly contrasting with other models.
(10+10+5 = 25 marks)

2. Describe the pathology of poliomyelitis. Explain any two deformities of ankle joint and briefly about their surgical and orthotic management.
(10+5+10 = 25 marks)

3. **Short notes:**

3A. Describe how knowledge of sensory system development guide intervention with high risk infants.
(5+5 = 10 marks)

3B. Micro and macro perspective of quadrophonic approach.
(10 marks)

3C. Describe the factors that influence development of ideation in praxis.
(10 marks)

