

# Question Paper

Exam Date & Time: 01-Jun-2022 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER MOT (HAND & MUSCULOSKELETAL CONDITIONS) DEGREE EXAMINATION - MAY/JUNE 2022  
SUBJECT: MOT 702.1 - OCCUPATIONAL THERAPY IN HAND AND MUSCULOSKELETAL CONDITIONS - II  
(2018 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Describe the occupational therapy intervention in acute care phase of burn injury. (20)
- 2) Discuss the rehabilitation for a patient with level C<sub>5</sub> spinal cord injury based on the expected functional outcome. (20)
- 3A) Describe the integrated motion of femur, pelvis and lumbar spine. (10)
- 3B) Describe contracture and types of contracture. (10)  
(2+8 = 10 marks)
- 3C) Describe the Garden's classification of fracture neck of femur and associated complications that influence rehabilitative outcome. (10)  
(4+6 = 10 marks)
- 3D) Describe rehabilitative management for a patient with bilateral upper-extremity amputation with emphasis on bilateral prosthetic training. (10)
- 4A) Describe the mechanical significance of acromioclavicular joint. (5)
- 4B) Describe the American Society for Hand Therapy Splint Classification System. (5)
- 4C) Describe active and passive insufficiency with example. (5)
- 4D) Discuss the pathomechanics of genu recurvatum and its functional implication. (5)

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## MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER MOT (NEURO REHABILITATION) DEGREE EXAMINATION - MAY/JUNE 2022  
SUBJECT: MOT 702.2 - OCCUPATIONAL THERAPY IN NEURO-REHABILITATION - II  
(2018 SCHEME)

Marks: 100

Duration: 180 mins.

### Answer all the questions.

1) Describe occupational therapy interventions to support independence in bathing and dressing for clients with the following neurological impairments:

- |     |                                   |      |
|-----|-----------------------------------|------|
| 1A) | Weakness                          | (10) |
| 1B) | Incoordination and poor dexterity | (10) |

- |     |   |      |
|-----|---|------|
| 2)  | Describe the stage-wise impact of dementia on occupational performance and describe the role of occupational therapy in each stage.               | (20) |
| 3A) | Explain occupational therapy interventions for unilateral neglect.  | (10) |
| 3B) | Explain in detail strategies to improve home safety for people with epilepsy.   | (10) |
| 3C) | Describe Kerr's stages of psychological adjustment.   | (10) |
| 3D) | Describe occupational therapy interventions for writer's cramp.   | (10) |
| 4A) | Explain scanning training and its indications.  | (5)  |
| 4B) | Outline the signs and symptoms of potential aspiration to be observed during dysphagia evaluation.  | (5)  |
| 4C) | Explain ergonomic education for people with Carpal Tunnel Syndrome.   | (5)  |
| 4D) | Explain the occupational therapist's reasoning and plan of action in the event of autonomic dysreflexia in individuals with spinal cord injuries. | (5)  |

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## MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER MOT (DEVELOPMENTAL DISABILITIES) DEGREE EXAMINATION - MAY/JUNE 2022  
SUBJECT: MOT 702.3 - OCCUPATIONAL THERAPY IN DEVELOPMENTAL DISABILITIES - II  
(2018 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Describe the role of occupational therapy in children with muscular dystrophy. (20)
- 2) Discuss the classification of specific learning disabilities. Justify the role of occupational therapy in working with children having specific learning disabilities. (20)  
(15+5 = 20 marks)
- 3A) Discuss activity limitations and psychosocial aspects of juvenile rheumatoid arthritis for an adolescent. (10)
- 3B) Describe factors to be considered for choosing a standardized test in clinical assessment. (10)
- 3C) Explain the occupational therapist's role in obesity management of children. (10)
- 3D) Describe methods of evaluation for students' participation in school. (10)
- 4A) Explain the role of occupational therapy in sleep management for a child with Autism Spectrum Disorder. (5)
- 4B) Compare the neurological examination of term and pre-term newborns. (5)
- 4C) Discuss the role of an occupational therapist in pediatric oncology settings. (5)
- 4D) Describe scar management in pediatric burns. (5)

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## MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER MOT (MENTAL HEALTH & PSYCHOSOCIAL REHABILITATION) DEGREE EXAMINATION -  
MAY/JUNE 2022

SUBJECT: MOT 702.4 - OCCUPATIONAL THERAPY IN MENTAL HEALTH AND PSYCHOSOCIAL REHABILITATION- II  
(2018 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Explain the General Adaptation Response to stress. Discuss the importance of stress management and describe four strategies for the same. (20)  
(5+5+10 = 20 marks)
- 2) Describe the impact of depression on occupational functioning. Explain occupational therapy management for clients with depression. (20)  
(8+12 = 20 marks)
- 3A) Explain any five advanced communication skills. (10)  
(2 marks x 5 = 10 marks)
- 3B) Discuss the impact of excessive internet use on occupational functioning. (10)
- 3C) Describe the effect of emotional dysregulation on occupational performance. (10)
- 3D) Discuss four occupational therapy interventions for catatonic schizophrenia. (10)  
(2.5 marks x 4 = 10 marks)
- 4A) Explain the types of counseling. (5)
- 4B) Describe 'Supported employment' for clients with mental illness. (5)
- 4C) Discuss the cognitive deficits commonly seen in clients with mental illness. (5)
- 4D) Describe the influence of anxiety on an individual's worker role. (5)

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