

Question Paper

Exam Date & Time: 05-Jan-2023 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER MOT (HAND & MUSCULOSKELETAL CONDITIONS) DEGREE EXAMINATION - JANUARY 2023
SUBJECT: OCT6101- OCCUPATIONAL THERAPY IN MUSCULOSKELETAL AND HAND CONDITIONS - I
(2021 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Explain the role of extrinsic flexors and pulley systems in producing finger flexion. (20)
(10+10 = 20 marks)
- 2) Explain the stages of wound healing and the rehabilitative management of scar tissue. (20)
(12+8 = 20 marks)
- 3A) Explain the rehabilitative management of extensor tendon injury. (10)
- 3B) Examine the relationship between observation and palpation. (10)
- 3C) Discuss metacarpophalangeal joint stiffness and management by listing out few complications. (10)
(5+5 = 10 marks)
- 3D) Explain the common complications associated with supracondylar fracture and the related rehabilitative management. (10)
- 4A) Outline the difference between 'contracture' and 'deformity' (5)
- 4B) Describe the test for tight retinacular ligament and its clinical significance. (5)
- 4C) Describe various types of fracture fixation and their relevance to rehabilitative management. (5)
- 4D) Outline the classification of nerve injury along with their prognosis. (5)

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MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER MOT (NEURO REHABILITATION) DEGREE EXAMINATION - JANUARY 2023
SUBJECT: OCT6201 - OCCUPATIONAL THERAPY IN NEUROREHABILITATION - I
(2021 SCHEME)

Marks: 100

Duration: 180 mins.

- 1) Explain the information processing theory of learning. Justify the use of this theory in neurorehabilitation. (20)
(15+5 = 20 marks)
- 2) Explain the assumptions and principles of the Occupational Therapy Task-oriented Approach. Describe any four intervention strategies that could be used in neurorehabilitation based on this approach. (20)
(12+8 = 20 marks)
- 3A) Explain ten strategies to integrate the principles of neural adaptation in neurorehabilitation practice. (10)
- 3B) Explain the motor programming theory of motor control and its implications for neuro-rehabilitation. (10)
(6+4 = 10 marks)
- 3C) Explain the use of the evidence-based practice track for reasoning in neurorehabilitation. (10)
- 3D) Explain the theoretical rationale underlying cognitive retraining for adults with neurological disorders. (10)
- 4A) Explain any two salient challenges to the scope of occupational therapy in neurorehabilitation in the Indian context with recommendations to address the same. (5)
- 4B) Explain the importance of determining the 'attractor state' of clients in neurorehabilitation. (5)
- 4C) Opine on the compatibility of traditional Neurodevelopmental Therapy and contemporary Occupational Therapy Task-oriented approach to be used together in neurorehabilitation practice. (5)
- 4D) Differentiate between static and dynamic assessment in the Dynamic Interactional Approach. (5)

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MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER MOT (DEVELOPMENTAL DISABILITIES) DEGREE EXAMINATION - JANUARY 2023
SUBJECT: OCT6301 - OCCUPATIONAL THERAPY IN DEVELOPMENTAL DISABILITIES - I
(2021 SCHEME)

Answer ALL questions.

Marks: 100

Duration: 180 mins.

- 1) Discuss the systems theory perspective of families and their occupations. Explain the assumptions and principles of family-centered practice. (20)
(10+10 = 20 marks)
- 2) Discuss the concept of social participation in children with disabilities, with an emphasis on occupational therapy evaluation and intervention. (20)
(10+5+5 = 20 marks)
- 3A) Discuss the bioecological model of development in relation to occupational therapy practice. (10)
- 3B) Explain the role of sensory integration in facilitating children's participation. (10)
- 3C) Discuss the factors that interfere with toileting independence in children. (10)
- 3D) Discuss the influence of anatomical growth and neural maturity on feeding and swallowing functions. (10)
- 4A) Justify the use of the Ages and Stages Questionnaire in occupational therapy practice. (5)
- 4B) Justify the role of occupational therapy in facilitating social participation using the International Classification of Functioning, Disability and Health (ICF) model. (5)
- 4C) Explain the indicators of function and dysfunction for play and leisure according to SCOPE-IT frame of reference. (5)
- 4D) Explain the role of advocacy in facilitating play participation. (5)

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Question Paper

Exam Date & Time: 05-Jan-2023 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER MOT (MENTAL HEALTH AND PSYCHOSOCIAL REHABILITATION) DEGREE EXAMINATION -
JANUARY 2023

SUBJECT: OCT6401 - OCCUPATIONAL THERAPY IN MENTAL HEALTH AND PSYCHOSOCIAL REHABILITATION - I
(2021 SCHEME)

Answer ALL questions.

Marks: 100

Duration: 180 mins.

- 1) Explain the functions of ego. Discuss the application of psychodynamic approach in contemporary occupational therapy practice. (20)
(8+12 = 20 marks)
- 2) Discuss therapeutic and non-therapeutic techniques applicable to psychosocial occupational therapy practice with suitable examples. (20)
(10+10 = 20 marks)
- 3A) Explain the 'Strengths model' used in psychosocial rehabilitation. (10)
- 3B) Discuss any four areas for occupational therapy interventions in inpatient mental health settings. (10)
(2½ marks x 4 = 10 marks)
- 3C) Explain four cognitive errors and their impact on occupational participation. (10)
(2½ marks x 4 = 10 marks)
- 3D) Describe Swarbrick's dimensions of wellness. (10)
- 4A) Explain interventions for reconciling universal issue of loss. (5)
- 4B) Discuss the 'Calm-Alert Continuum'. (5)
- 4C) Outline a sample SOAP note for mental health setting. (5)
- 4D) Critique the use of arts and crafts in contemporary psychosocial practice. (5)

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Question Paper

Exam Date & Time: 07-Jan-2023 (10:00 AM - 12:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER MOT((MENTAL HEALTH & PSYCHOSOCIAL REHABILITATION)/(DEVELOPMENTAL DISABILITIES)/
(NEURO REHABILITATION)/ (HAND & MUSCULOSKELATAL CONDITIONS)) DEGREE EXAMINATION - JANUARY 2023
SUBJECT: OCT6011- ENTREPRENEURSHIP TOOLS FOR OCCUPATIONAL THERAPISTS
(2021 SCHEME)

Answer ALL questions.

Marks: 50

Duration: 120 mins.

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| 1) | Explain the role of occupational therapists as entrepreneurs | (20) |
| 2) | Explain the four factors influencing management expectation for productivity. | (10) |
| 3) | Explain the concept of 'marketing mix' | (10) |
| 4A) | Describe consultation entrepreneurship. | (5) |
| 4B) | Describe the role of occupational therapy manager in ensuring ethical practice within the department. | (5) |

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Question Paper

Exam Date & Time: 07-Jan-2023 (10:00 AM - 12:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER MOT ((DEVELOPMENTAL DISABILITIES)/(NEURO REHABILITATION)/(MENTAL HEALTH & PSYCHOSOCIAL REHABILITATION)/(HAND AND MUSCULOSKELETAL CONDITIONS)) DEGREE EXAMINATION -
JANUARY 2023

SUBJECT: OCT6021 - OCCUPATIONAL THERAPY SOLUTIONS FOR COMMUNITY
(2021 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

- 1) Explain the four phases of the Occupation-based Community Development Framework with a suitable example. (20)
(5x4 = 20 marks)
- 2) Discuss the use of participatory action research in occupational therapy practice, with examples. (10)
(7+3 = 10 marks)
- 3) Explain five types of advocacy used in community practice (10)
(2 x 5 = 10 marks)
- 4A) Explain the role of social media in occupational therapy practice. (5)
- 4B) Explain five effects of society's negative assumptions on disabled people. (5)

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