

# Question Paper

Exam Date & Time: 02-Jun-2022 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

SIXTH SEMESTER BACHELOR OF OCCUPATIONAL THERAPY DEGREE EXAMINATION - MAY/JUNE 2022  
SUBJECT: BOT 306 - OCCUPATIONAL THERAPY IN ORTHOPEDICS AND SURGICAL CONDITIONS  
(2016 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Describe any four occupational therapy interventions in rehabilitation phase for an operated case of a femoral neck fracture. (20)  
(5 marks × 4 = 20 marks)
- 2) Describe any four occupational therapy interventions in pre-prosthetic phase for a client with below elbow amputation on the dominant side. (20)  
(5 marks × 4 = 20 marks)
- 3) Describe back care techniques used during home management tasks and shopping. (10)  
(5+5 = 10 marks)
- 4) Describe the occupational therapy interventions for proximal interphalangeal joint injury. (10)
- 5A) Outline any five acute phase rehabilitation goals for clients with deep partial thickness burns. (5)
- 5B) Describe the American College of Rheumatology Classification of Global Functional Status in patients with Rheumatoid Arthritis. (5)
- 5C) Explain central cord syndrome and its influence on function. (5)  
(2+3 = 5 marks)
- 5D) Explain the indication and function of the two types of elbow hinges used in a below elbow prosthesis. (5)
- 5E) State any five general guidelines for range of motion exercises in arthritis. (5)
- 5F) Outline the presentation of a high-level median nerve injury. (5)
- 6A) Outline the presentation of a swan neck deformity. (2)
- 6B) List any four ADL assistive devices used by clients with tetraplegia. (2)
- 6C) List any four features of osteoarthritis. (2)
- 6D) Name any two functional tests used to assess nerve functions. (2)
- 6E) List any two types of wrist units used in an upper limb body-powered prosthesis. (2)

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# Question Paper

Exam Date & Time: 04-Jun-2022 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

SIXTH SEMESTER BACHELOR OF OCCUPATIONAL THERAPY DEGREE EXAMINATION - MAY/JUNE 2022  
SUBJECT: BOT 308 - OCCUPATIONAL THERAPY IN NEUROLOGICAL, GERIATRIC, AND MEDICAL CONDITIONS  
(2016 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Describe any five cognitive deficits commonly seen in clients with traumatic brain injury and its impact on daily routines. (20)  
(4 marks × 5 = 20 marks)
- 2) Write the basic limb synergies of upper extremity in hemiplegia. Describe the retraining of proximal upper extremity control from stage I to III as described by Brunnstrom. (20)  
(5+15 = 20 marks)
- 3) Define stereognosis. Explain the assessment and intervention for astereognosis. (10)  
(2+4+4 = 10 marks)
- 4) Describe the management of incoordination using Frenkel's exercise. (10)
- 5A) Explain any two Proprioceptive Neuromuscular Facilitation techniques of reversal of antagonists. (5)  
(2½+2½ = 5 marks)
- 5B) Define the term 'intrinsic feedback'. Write any two differences between immediate feedback and summary feedback. (5)  
(2+3 = 5 marks)
- 5C) Discuss any five environmental modifications for an elderly client with visual problems. (5)
- 5D) Describe the occupational therapy intervention for client during the middle stage of Parkinson's disease. (5)
- 5E) Describe the guidelines of occupational therapy intervention for psychological manifestations of stroke. (5)
- 5F) Explain the procedure for 'reflex inhibiting pattern' technique to inhibit spasticity in the hemiplegic arm. (5)
- 6A) State any four positive prognostic factors for motor neuron disease. (2)
- 6B) List any two advantages of total patterns in Proprioceptive Neuromuscular Facilitation approach. (2)
- 6C) List any four principles of occupational therapy task oriented approach. (2)
- 6D) Define Mnemonics with an example. (2)
- 6E) Write about pursed-lip breathing technique. (2)

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