

**Third Year Bachelor of Occupational Therapy Regular/Supplementary
Examinations November 2025****Occupational Therapy in Neurology and Orthopaedics****Time: 3 Hours****Total Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Elaborate on**(2x20=40)**

1. Describe the pathology underlying Traumatic Brain Injury (TBI). Describe the clinical picture of individual with TBI specific to physical and cognitive issues and the role of occupational therapy intervention.
2. Describe the distal radius fracture and enumerate five complications. Explain the typical orthopedic management and its therapy and precautions that must be observed after immobilization phase.

Write notes on**(8x5=40)**

3. Describe the theoretical base and assumptions of Task-Oriented approach and Motor Learning.
4. Explain how the concept of proximal to distal sequence of motor development is applied in therapy.
5. Principles and assumptions of motor relearning program.
6. Describe the complications that may occur as a result of multiple sclerosis and its intervention by occupational therapist.
7. Intrinsic plus position and its importance in hand splinting.
8. What are Codman's pendulum exercises, explain its indications.
9. Discuss the differences in the rehabilitation of a hip fracture managed by closed reduction and that managed with open reduction with internal fixation.
10. Differentiate between the low radial nerve palsy and high radial nerve palsy.

Short Answers**(10x2=20)**

11. Mention two limitations of the OT Task-Oriented Approach.
12. Briefly describe any two approaches based on hierarchical sequence of nervous system organization.
13. Explain the purpose of Drop arm test.
14. Which nerve injury is common in humeral shaft fracture and what are its manifestations.
15. Any four manifestations of cerebellar lesions manifestation.
16. Signs of infection in fractures.
17. List precautions that must be taught to a patient with a total hip arthroplasty following antero-lateral approaches.
18. Name the creases of the hand and describe their importance in splint construction.
19. Symptoms of shoulder bursitis.
20. Signs of ischemia in early Volkman ischemic contracture.

CORRECTION / NO-CORRECTION FILE
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QPCODE: 305022

Dated: 04-12-2025

Question No. 3

Replaced with "Joint protection techniques."

Question No. 4

Replaced with "Occupational Therapy management for Parkinson's Disease."

Question No. 8

Replaced with "Assessment of Hand functions."

Question No. 9

Replaced with "Brunnstrom stages of arm."

Question No. 13

Replaced with "Stereognosis."

Question No. 19

Replaced with "Name any two mobility aids."

Corrections/Modifications/Replacement of Questions if any shall be made available to all students. Take the print out of the Correction File in such cases and distribute to all students.

(Sd/-)

CONTROLLER OF EXAMINATIONS