

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF MASTER OF SCIENCE IN NURSING  
(MEDICAL-SURGICAL NURSING)**

**NUMS 846: NEUROLOGY AND NEUROSURGICAL NURSING**

**STREAMS:**

**TIME: 3 HOURS**

**DAY/DATE: MONDAY 27/09/2021**

**11.30 A.M. – 2.30 P.M.**

**INSTRUCTIONS:**

1. Do not write anything on the question paper.
2. The paper has five questions. Answer any four questions.

**Question One**

A 33-year-old man is brought to the emergency department after a witnessed description relating to generalized tonic-clonic seizure. He has no identifying information, and his past medical history is unknown:

- a) Describe his immediate management (10 marks)
- b) Discuss the collaborative management of epilepsy in adults (15 marks)

**Question Two**

Describe the standard nursing management of patients with the following neurological conditions:

- a) Alzheimer's disease (12 marks)
- b) Bacterial meningitis (13 marks)

**Question Three**

Holistic and patient-focused care is the standard practice of neurological and neurosurgical nursing: Describe the nursing care of patients under the following subheadings:

- a) Raised intracranial pressure (6 marks)
- b) Low back pain (6 marks)
- c) Migraine headache (6 marks)
- d) Transient ischemic attack (7 marks)

**Question Four**

Discuss the collaborative management of an adult patient with severe head injury during the first day of care (25 marks)

**Question Five**

A middle-aged man is being evaluated at the emergency department having been found unresponsive at home few hours earlier. Upon arrival to the emergency department, he regained consciousness but several minutes later, he became drowsy and had trouble staying awake. He is admitted to the hospital for evaluation and management.

- a) Describe the standard diagnostic assessment for the above patient giving rationales (15 marks)
  - b) Describe the immediate nursing management of the above patient (10 marks)
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