

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

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

**NUMS 846: NEUROLOGY AND NEUROSURGICAL NURSING**

**STREAMS: (Y2S3)**

**TIME: 2 HOURS**

**DAY/DATE: TUESDAY 19/12/2023**

**8.30 A.M. – 10.30 A.M.**

**INSTRUCTIONS**

1. Do not write anything on the question paper.
2. Mobile phones and any other reference materials are NOT allowed in the examination room.
3. The paper has five questions. Answer any four questions.
4. Number ALL your answers and indicate the order of appearance in the space provided in the cover page of the examination answer booklet.

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**Question One**

A nurse is planning care for a client who has bacterial meningitis:

- a) Describe the risk factors for bacterial meningitis (5 marks)
- b) Discuss the items that should be included in the plan of care providing specific rationales (15 marks)
- c) Describe the prevention of bacterial meningitis (5 marks)

**Question Two**

A nurse is completing discharge teaching to a client who has generalized seizures:

- a) Detail the information that the nurse should include in the review of seizure trigger factors (12 marks)
- b) Describe the nursing care of the patient following a seizure (8 marks)
- c) Outline the nursing instructions for the patient on anti-seizure medications (5 marks)

**Question Three**

A nurse is caring for a client who has been admitted with a right-hemispheric ischemic stroke:

- a) Describe the potential causes of stroke in the above patient (6 marks)
- b) Discuss the comprehensive care for the above client during the first 24 hours of admission (12 marks)
- c) Describe the discharge instructions for the above client (7 marks)

**Question Four**

Describe the nursing management of the following neurological conditions:

- a) Discharge instructions for a patient with migraine headache (6 marks)
  - b) Alzheimer's dementia (12 marks)
  - c) Meeting nutritional needs for the client with difficult swallowing (7 marks)
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