

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**SECOND YEAR EXAMINATION FOR THE AWARD OF DEGREE OF MASTERS OF  
SCIENCE IN NURSING**

**NUMS 847: ORTHOPEDIC NURSING**

**STREAMS: Y2S1**

**TIME: 3 HOURS**

**DAY/DATE: THURSDAY 13/04/2023**

**2.30 P.M. –5.30 P.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. ALL questions are compulsory.**

**Question1 (25 marks)**

Osteomyelitis is a possible cause of pathological fractures and one indication of lower limb amputation.

- i) Explain any other four (4) indications of lower extremity amputation (10 marks)
- ii) Describe osteomyelitis preventive measures (10 marks)

**Question 2 (25 marks)**

- i) Explain the four (4) types of fracture (8 marks)
- ii) Describe the factors that enhance fracture healing (15 marks)
- iii) State two (2) complications of fractures (2 marks)

**Question 3 (25 marks)**

Mr z, 28 years old, is a motorbike rider. He sustains fracture femur on his left lower limb and is on traction in a certain hospital. Explain his nursing management from admission till discharge

(25 marks)

**Question 4 (25 marks)**

Describe the management of the following:

- |                        |            |
|------------------------|------------|
| i) Contusions          | (5 marks)  |
| ii) Osteomalacia       | (5 marks)  |
| iii) Joint dislocation | (5 marks)  |
| iv) Low back pain      | (10 marks) |
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