

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

NUMS 847: ORTHOPEDIC NURSING

STREAMS: Y2S3

TIME: 3 HOURS

DAY/DATE: TUESDAY 04/12/2018

11.30 A.M. – 2.30 P.M.

INSTRUCTIONS:

- **Do not write anything on the question paper.**
- **The paper has five questions. Answer question ONE and any three other questions.**

1. A 32-year-old man is being evaluated at the emergency room following involvement in RTA. Initial evaluation is obvious for a fractured left midshaft femur with multiple bruises on the head and upper extremities. The patient is confused and seems not to recall what happened during the accident:
 - (a) Describe the standard clinical evaluation for the above patient. (10 marks)
 - (b) Discuss the collaborative management of the above patient. (15 marks)
2. A 27 year old man is admitted with 29% burns sustained from open fire. The burns are anteriorly located; on torso and upper proximal limbs. The patient is a known epileptic on treatment:
 - (a) Explain the pathophysiology of major burn injury. (15 marks)
 - (b) Describe the emergency management of the above patient. (10 marks)
3. Discuss the perioperative nursing care of the patient undergoing orthopedic surgery. (25 marks)
4. Rheumatic diseases affect people of all ages:
 - (a) Explain the pathophysiology of rheumatic diseases. (10 marks)

- (b) State five (5) common diagnostic features of rheumatic diseases. (5 marks)
 - (c) Describe the medical management of rheumatic diseases. (10 marks)
5. Describe the specific nursing management of adult patients with the following orthopedic devices:
- (a) Skeletal traction (10 marks)
 - (b) Lower limb cast (10 marks)
 - (c) State five (5) nursing diagnoses for the client with an external fixator. (5 marks)
-