

**FACULTY OF HEALTH SCIENCES
DEPARTMENT OF NURSING SCIENCES
2023_2 EXAMINATIONS__**

PROGRAMME: BACHELOR OF NURSING SCIENCE (BNSc)

COURSE CODE: NSC305

COURSE TITLE – INTRODUCTION TO MEDICAL SURGICAL NURSING I

CREDIT UNITS: 3

TIME ALLOWED: 2 HOURS

TOTAL MARKS: 70%

INSTRUCTION: ANSWER ALL QUESTIONS

Question 1

- 1a). Write short notes on the four (4) inflammatory responses **(12 marks)**
1b). Describe the management of inflammation using the “defense strengthening” rationale **(8 marks)**

Total: 20 marks

Question 2

- 2a). Explain the events that occur in the process of bone healing 8 marks
2b) Draw a nursing care plan with the following nursing diagnoses for a patient with Fracture of the left tibia
- i. Hyperthermia
 - ii. Acute pain

12 marks
Total: 20 marks

Question 3

- 3a). Highlight your roles as a first aider in assisting a victim of burns **(5 marks)**
3b) Describe the **assessment** and **intervention procedure** for a patient who has deep partial burns with the underlisted nursing diagnoses.
1. Impaired gas exchange related to upper airway edema, carbon monoxide poisoning, oedema of alveolar capillary membranes
 2. Impaired skin integrity related to thermal injury
 3. Deficient fluid volume related to evaporative losses from wound, capillary leak, and decreased fluid intake.
 4. Pain related to burns or graft donor sites

(15 marks)
Total: 20 marks)

Question 4

4a) Nursing theories guide the practice of nursing care and provides framework on which caring is done. Summarise the nursing theories by;

- i. Jean Watson
- ii. Sister Callista Roy

(5 marks each)