



NATIONAL OPEN UNIVERSITY OF NIGERIA
UNIVERSITY VILLAGE, NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF NURSING SCIENCES
2025_2 EXAMINATIONS

PROGRAMME: BACHELOR OF NURSING SCIENCE (BNSc.)
COURSE CODE: NSC401
COURSE TITLE – MEDICAL SURGICAL NURSING III
CREDIT UNITS: 4
TIME ALLOWED: 3 HOURS
TOTAL MARKS: 70%
INSTRUCTION: ANSWER ALL THE QUESTIONS

Question 1

The car in which Mr. R.A., an obese 45-year-old bank executive was travelling suddenly somersaulted several times. On arrival at the accident and emergency unit, a diagnosis of spinal cord injury with multiple fractures was made.

- a) Explain the signs and symptoms of fracture (8mks)
- b) Discuss six (6) prevention and management of pressure ulcer (12mks)
- c) **Write a concise essay on the following using these guidelines: definition; pathophysiology and aetiology, signs and symptoms; diagnosis and management of Rhinitis**

(10 marks)

Question 2

Mrs Maxwell, a 50-year-old menopausal woman was brought to the emergency unit of your hospital with history of profuse sweating, hot flushes with previous history of fracture at wrist joint and acute pain after lifting an object. Upon assessment by the physician a diagnosis of osteoporosis was made.

- a) Describe the pathophysiology of osteoporosis (10mks)
- b) Discuss patient education in the nursing management of osteoporosis (5mks)
- c) Describe the process of Respiratory Physiology (15 marks)

Question 3

- a. Describe decubitus ulcer 2 mks
- b. Explain four causes of pressure ulcer 4mks
- c. Highlight four nursing interventions for patient with decubitus ulcer **4 marks**