



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

2021_1 EXAMINATION QUESTIONS

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

1. Miss Blessing, a 5-year-old known HbSS girl was brought to your facility with history of fall 4 months ago and she sustained open fracture of right femur. The parent also reported that the girl was taken to traditional bone setters for management, the fracture has healed but wound has been persistently draining secretion. Following physician's evaluation, a diagnosis of Osteomyelitis was made.
- a. Highlight three modes through which bone can become infected 3 marks
 - b. Describe the pathophysiology of this condition 8 marks
 - c. Enumerate four diagnostic investigations that can be done to confirm Osteomyelitis 2marks
 - d. Discuss medical and surgical management of this condition 10 marks
 - e. Identify four nursing diagnoses for Miss Blessing 2 marks.

Question 2

2. Pruritus is one of the most common dermatologic complaints that make patients to seek medical attention and usually more severe at night.
- (2a) Write a comprehensive essay on General Itching using the following guidelines:
- i. Classifications (1 mark)
 - ii. Pathophysiology (4 marks)
 - iii. Medical/ Pharmacologic Therapy (5 marks)
 - iv. Nursing Management. (5 marks)
- (2b) Tinea is the most common fungal skin infection of human. Describe the nursing and medical management of the following clinical forms of Tinea
- i. Tinea Pedis
 - ii. Athlete's Foot (5 marks each).

Question 3

3. Mr. Jonah, a 35 Civil Engineer reported at your hospital with history of sudden chest tightness, laboured breathing, and difficulty moving air in and out of the lungs, nasal congestion, watery

eyes, cough, low grade fever. Following assessments and examination, a diagnosis of Asthma was made by the physician.

Write short notes on the following diagnostic tests for patients with respiratory disorders.

- i. Arterial Blood Gases
- ii. Pulmonary Angiography
- iii. Bronchoscopy
- iv. Thoracentesis

(5 Marks each)