

NATIONAL OPEN UNIVERSITY OF NIGERIA
UNIVERSITY VILLAGE, NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF NURSING SCIENCES
2023_2 EXAMINATIONS_

PROGRAMME: BACHELOR OF NURSING SCIENCE (BNSc)

COURSE CODE: NSC416

COURSE TITLE – PUBLIC AND COMMUNITY HEALTH NURSING II

CREDIT UNITS: 3

TIME ALLOWED: 2 HOURS

TOTAL MARKS: 70%

INSTRUCTION: ANSWER ALL QUESTIONS.

Question 1

- 1a). Define Internationally Notifiable Diseases.
- 1b). List five (10) International Health Agencies
- 1c). Explain the roles of UNICEF

(3 marks)
(5 marks)
(12marks)

Question 2

Write short notes on the following

- a. Uses of Demography in Community Health Nursing
- b. Goals of National Population Policy
- c. Population Pyramid

(5 marks)
(5 marks)
(10 marks)

Question 3

- 3a. Define demography
- 3b. Explain five (5) determinants factors of fertility
- 3c. Describe Census and the characteristics of the process

(1 mark)
(10 marks)
(9 marks)

Question 4

- 4a. Highlight the sources of demographic data
- 4b. List the Nigeria Basic Indicators

(5 marks)
(5 marks)

Question THREE

- a. As another modern method of investment appraisal, what do you understand by Profitability index?
- b. Explain the three decision rules under profitability index.
(15 marks)?

Question FOUR

- (a) Inflation is a factor in investment appraisal, explain what is inflation (5 marks)
- (b) Explain both Synchronized and Differential types of Inflation.
- (c) What does these terms Money cash flows and real cash flows stand for under inflation
(15 marks)

Question FIVE

- a. Mention any five methods of analyzing risk and the uncertainty of capital expenditure projects.
- b. State three each advantages and disadvantages of sensitivity analysis. **(15 marks)**

(2 marks)

2aiii. What are the best detectors for near, mid and far infra red radiation

(2 marks)

2aiv. List the four types of detector that are generally used in spectrophotometer

(2 marks)

2bi. Highlight three major differences between a colorimeter and spectrophotometer and hence state the advantages of spectrophotometer over colorimeter

(6 marks)

QUESTION THREE

1ci. What are the different types of flame spectroscopy

(2 marks)

1cii. Distinguish between the types of flame spectroscopy.

(5 marks)

1ciii. How useful are the flame spectroscopies

(3 marks)

1d. Compare and contrast the atomic and molecular emission

(5 marks)

QUESTION FOUR

4ai. State the two types of fundamental vibrations that are possible in organic molecules. Hence state the different sub vibrations that are associated with the two

(7 marks)

4aii. Which vibration is useful for chemical identity and why?

(2 marks)

4b. Identify all the functional groups (in the molecule below) that can be detected by Infra red spectrophotometer

