

2ci Why is formation of peroxyacetyl nitrate (PAN) of interest as a characteristics product of atmospheric photochemistry? (3marks)

2cii. Distinguish between proven and probable human carcinogens. (3 marks)

QUESTION THREE

3ai. State the production of ozone in the atmosphere (3 marks)

3aii. What impact does ozone have on health? (2 marks)

3aiii. Why is ozone considered to have effects of ionizing radiation? (2 marks)

3b. Write short note on the significance of the stratosphere. (3 marks)

3c. Explain briefly using chemical equations destruction of the ozone layer by anthropogenic introduction of chlorine compounds into the atmosphere (5 marks)

QUESTION FOUR

4a. In a tabular form list the physical, chemical and biochemical parameters that should be determined when analyzing a water sample

(5 marks)

4bi. Outline two (2) source each of any of the physical and chemical parameter of water listed in 4a above (4 marks)

4bii. Explain briefly the significance of any of the physical parameter of water

(6 marks)

QUESTION FIVE

5ai. Mention any six (6) sources of hydrocarbon in the atmosphere (3 marks)

5aii. Explain briefly why hydrocarbons are of concern in any study of air pollution (5 marks)

5b. Mention and elaborate briefly on the types of hazards associated with contaminated soil

(7 marks)

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: NSC508

COURSE TITLE – FUNDAMENTAL OF NURSING INFORMATICS

CREDIT UNITS: 3

TIME ALLOWED: 2 HOURS

TOTAL MARKS: 70%

INSTRUCTION: ANSWER ALL THE QUESTIONS

Question 1

Good nursing practice requires detailed data collection and record-keeping that is comprehensive, timely and accurate.

- (a) Outline the four (4) basic types of data collected by nurses? (4 marks)
- (b) List eight data collection tools. (4 marks)
- (c) Write a comprehensive essay on the questionnaire. (8 marks)
- (d) What are the benefits of electronic data collection? (4 marks)

Question 2

The use of computer and information technology to support an electronic health record (EHR) is fast becoming a standard practice in health care.

- (a) How do nurses use computer in their daily work? (4 marks)
- (b) Explain the concept 'Source Data Capture', outline its criteria and its uses. (16 marks)

Question 3

Discuss the following uses of decision support system

- (a) Nursing Data Standards (10 marks)
- (b) Decision Support Systems (10 marks)
- (c) Uses of Decision Support System (10 marks)