



NATIONAL OPEN UNIVERSITY OF NIGERIA
UNIVERSITY VILLAGE, PLOT 91, CADASTRAL ZONE
NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PUBLIC HEALTH SCIENCE
2025_2 EXAMINATIONS

COURSE TITLE: Occupational Health and Safety (PHS404)

COURSE UNITS: 3 Units

TIME ALLOWED: 2 Hours

TOTAL MARKS: 70 %

INSTRUCTION: Answer ALL Questions

Question 1 (15 marks)

Q1a). Mention five aims of occupational health. (5 marks).

Q1b). Discuss the effects of poor working conditions on worker's health and safety. (5 marks).

Q1c). Occupational injuries and diseases come at a cost. Discuss the indirect cost implications for employers. (5 marks).

Question 2 (20 marks).

Q2a).i. List the various types of occupational hazards. (3 marks).

ii. Mention the purpose of identification of occupational hazards. (3 marks)

Q2b). Discuss the effects of hot temperatures in the workplace. (10 marks).

Q2c). i. Explain non-ionizing radiation (3 marks).

ii. Explain the advantage of the properties of ionizing radiation. (1 mark).

Question 3 (20 marks).

3a). The risk of contracting biohazard as a result of occupational exposure is especially high in some workplaces. With respect to healthcare facilities, discuss these risks under the following workplaces:

- i. Housekeeping (4 marks)
- ii. Laundry (6 marks).

3b). Write on workplace dimensions. (6 marks).

3c). Discuss the functions of muscles in the workplace environment (4 marks).

Question 4 (15 marks)

Q4a). The determinants of occupational diseases are categorized into three. List the behavioural factors determining occupational diseases. (2 marks).

4b). Common hepatic disorders are due to occupational exposures to hepatoxins. In a tabular form, discuss acute toxic hepatitis under the following headings: (13 marks)

- i). Type of agent
- ii). Examples of agent
- iii). Susceptible workers