



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**UNIVERSITY VILLAGE, PLOT 91, CADASTRAL ZONE**  
**NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA**  
**FACULTY OF HEALTH SCIENCES**  
**2024 1 EXAMINATION**

**COURSE TITLE: OCCUPATIONAL HEALTH AND SAFETY**  
**COURSE CODE: PHS404**  
**COURSE UNITS: 3 Units**  
**TIME ALLOWED: 2 Hours**  
**TOTAL MARKS: 70 %**  
**INSTRUCTION: Answer ALL Questions**

**QUESTIONS**

**QUESTION 1 (25 Marks)**

- (Q1a) What are the disposition/characteristics of a worker in a developing country like Nigeria? (5 marks).  
(Q1b) Workers have rights; what are these rights? ( 5 marks)  
(Q1c) What are the key principles of occupational health? (10 marks).  
(Q1d) There are numerous psychosocial factors which operate at workplace. What are these factors? (5 Marks)

**QUESTION 2 (15 Marks)**

- (Q2a) List the five phase hearing conservation programme for industrial settings in prevention of noise exposure (5 marks).  
(Q2b) Explain the term Mechanical hazards in the classification of occupational hazards (10 marks).

**QUESTION 3 (15 Marks)**

- (Q3a) What are the health effects of toxic chemicals? (5 marks)  
(Q3b) What are the first aid actions for toxic chemicals? (10 marks).

**QUESTION 4 (15 Marks)**

- (Q4a) What is health surveillance ? (5 marks)  
(Q4b) Explain in details, the use of personal protective equipment and the term using protective clothing (10 Marks).