



**NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PUBLIC HEALTH SCIENCE
2023_1 POP EXAMINATION**

COURSE TITLE: OCCUPATIONAL HEALTH AND SAFETY

COURSE CODE: PHS404

CREDIT UNIT: 3

TIME: 3HOURS

TOTAL SCORE: 70 MARKS

INSTRUCTION: ANSWER ALL QUESTIONS.

QUESTION 1 (15 marks)

- 1a). Define occupational hazard. **(2 marks)**
- 1b). Explain the environmental health hazard associated with solvent exposure. **(6 marks)**
- 1c). Explain the key components of occupational health with relevant examples. **(7 marks)**

QUESTION 2 20 Marks

- 2a). Describe the functions of muscles in the work environment. **(10 marks)**
- 2b). Explain what you understand by administrative control in occupational hazards control with relevant examples. **(10 marks)**

QUESTION 3 (20 marks)

Write short notes on the following hazards in the work environment with relevant examples.

- a. Physical hazards
- b. Chemical hazards
- c. Biological hazards
- d. Ergonomic hazards

QUESTION 4 (15 marks)

- 4a). Explain the determinants of occupational diseases and injuries. **(5 marks)**
- 4b). Explain the relationship between occupational diseases and nervous system disorder. **(5 marks)**
- 4c). Describe briefly how you can prevent Nervous System Disorders associated with the work environment. **(5 marks)**