



**NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PUBLIC HEALTH SCIENCE
2022_2 EXAMINATION**

**COURSE TITLE –OCCUPATIONAL HEALTH AND SAFETY
COURSE CODE: PHS404
CREDIT UNIT: 3
TIME: 2HOURS
TOTAL SCORE: 70 MARKS
INSTRUCTION: ANSWER ALL QUESTIONS.**

QUESTION 1 20 Marks

- 1a). Explain the pros and cons of using personal protective equipment to control occupational hazards with relevant examples. **(5 marks)**
- 1b). List and discuss the types of personal protective equipment used in the control of occupational hazards with relevant examples. **(15 marks)**

QUESTION 2 20 marks

- 2a). Describe the effects of chemical hazards. **(7 marks)**
- 2b). Explain the factors that influence the effects of chemical hazards. **(8 marks)**
- 2c). List the procedures for the identification of hazards in the environment. **(5 marks)**

QUESTION 3 15 marks

- 3a). List the various equipment available for noise measurement. **(5 marks)**
- 3b). What is the importance of conducting noise evaluation? **(5 marks)**
- 3c). Explain what you understand by Total Mass Concentration method with relevant examples. **(5 marks)**

QUESTION 4 15 marks

- 4a). Describe the steps in the Disability Evaluation Process. **(5 marks)**
- 4b). Discuss the relationship between occupational hazards and renal and urinary tract disorders. **(10 marks)**