



**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)**