



**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
SEPTEMBER 2020_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 the Questions

QUESTION 1 20 marks

- 1a. Explain briefly 4 (four) Direct Costs to employers on occupational accidents or illness. **(8 marks)**
1b. What are the four basic elements in the working environment? **(12 marks)**

QUESTION 2 20 marks

- 2a. Explain briefly the four ways workers can protect themselves from radiations. **(8 marks)**
2b. What are the three general classes of occupational noise exposure? **(6 marks)**
2c. Explain auditory effects of noise exposure. **(6 marks)**

QUESTION 3 15 marks

- 3a. What is the aim of lighting and illumination of work environment? **(5 marks)**
3b. Explain the effects of poor illumination. **(5 marks)**
3c. List five (5) effects of chemical hazards. **(5 marks)**

QUESTION 4 15 marks

- 4a. What are the purposes for detailed noise evaluation? **(3marks)**
4b. What are the two major reasons for ventilation in the workplace? **(3 marks)**
4c. Use three examples and explain the value of administrative control of hazard in the workplace. **(9 marks)**