

# NATIONAL OPEN UNIVERSITY OF NIGERIA UNIVERSITY VILLAGE, PLOT91, CADASTRAL ZONE NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA FACULTY OF HEALTH SCIENCES DEPARTMENT OF PUBLIC HEALTH SCIENCE EXAMINATION QUESTIONS 2020\_2

COURSE TITLE: OCCUPATIONAL HEALTH AND SAFETY

COURSE CODE: PHS 404 COURSE UNITS: 3 Units TIME ALLOWED: 2 Hours TOTAL MARKS: 70%

**INSTRUCTION:** Answer all the Questions

## **QUESTION 1**

20 marks

(1a) Describe the four main routes by which hazardous chemicals enter the body(1b) State five factors that influence Toxicity5marks

### QUESTION 2 20 marks

(2a) What is dose-response? **5marks** 

(b) Write short notes on:

(I) Threshold dose(II) Individual susceptibility(III) Sensitive sub-population5marks5marks

#### OUESTION 3 15 marks

(3a) Describe "Determinants of occupational diseases and injuries" **10marks** 

(3b) Low back pain prevention in work setting is best accomplished by a combination of measures. Mention five measures in prevention and control of "Ergonomics" **5marks** 

#### **QUESTION 4** 15 marks

- (4a) Write short note on "Disorders of the nervous system" 5marks
- (bI) Mention one symptom/sign of serious eye injury 1mark
- (bII)Outline nine signs of eye injury that require ophthalmologic evaluation **9marks**