



**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
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 **15marks**

(1b) State five factors that influence Toxicity **5marks**

QUESTION 2 **20 marks**

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

(b) Write short notes on:

(I) Threshold dose **5marks**

(II) Individual susceptibility **5marks**

(III) Sensitive sub-population **5marks**

QUESTION 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**

(b) Mention one symptom/sign of serious eye injury **1mark**

(bII) Outline nine signs of eye injury that require ophthalmologic evaluation **9marks**