



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI - ABUJA**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE**  
**2025\_2 EXAMINATIONS.**

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**COURSE CODE: EHS321**

**COURSE TITLE: HEALTH SAFETY AND ENVIRONMENT**

**COURSE CREDIT UNIT: 2 CREDIT UNITS**

**TOTAL SCORE: 70 MARKS**

**TIME ALLOWED: 1 ½ HOURS**

**INSTRUCTION: ANSWER ALL QUESTIONS**

1. (a) Write short notes on the following essential elements of the Health and Safety Plan:
  - (i) Hazard recognition, evaluation and control
  - (ii) Workplace design and engineering
  - (iii) Workplace planning and staffing
  - (iv) Environmental management
  - (v) Organizational communication **25 marks**
- (b) Briefly describe the Environmental health and safety plan **2 marks**
- (c) Enumerate the primary purposes of the Environmental Health and Safety Plan **3 marks**
  
2. (a) Discuss briefly the principles of Environmental health and safety **5 marks**
- (b) List five (5) subdivisions of each of the principles of Environmental health and safety **15 marks**
  
3. Using the following principles, discuss the guiding principles that have been developed to capture the core characteristics of effective emergency response:
  - (i) Preparedness
  - (ii) Continuity
  - (iii) Subsidiarity
  - (iv) Direction
  - (v) Integration **20 marks**