



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI - ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE
2025_1 EXAMINATION...

COURSE CODE: EHS312

COURSE TITLE: HOUSING AND BUILDING CONSTRUCTION

COURSE UNITS: 2 CREDIT UNITS

TIME ALLOWED: 1 ½ HOURS

TOTAL SCORE: 70 MARKS

INSTRUCTION: ANSWER ALL QUESTIONS

- 1(a) Explain Health principles of housing **6 marks**
(b) Briefly discuss the six (6) principles of health Needs? **9 marks**
(c) State three (3) social facts in relation to principles of health action **6 marks**
- 2 (a) Write short note on the general objective of housing and the characteristics of urban and rural housing **12 marks**
(b) What is Safety? **3 marks**
(c) Write briefly on the following with respect to safety and emergency provisions in housing;
i. Means of escape **2 marks**
ii. Smoke alarms **2 marks**
iii. Internal fire spread (Linings) **2 marks**
iv. Internal fire spread (Structure) **2 marks**
v. Resistance to the passage of heat **2 marks**
- 3(a) Explain the term roof? **6 marks**
(b) State any five (5) functional requirements of a roof **5 marks**
(c) (i) According to West Africa Health Examination Board (WAHEB), describe a building plan **5 marks**
(ii) Differentiate between a site plan and site analysis **8 marks**