



**NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
MAY/JUNE 2012 EXAMINATION**

**BSc. Environmental Science and Resource Management
ESM431: ENVIRONMENTAL HEALTH AND SAFETY
TIME ALLOWED: 3Hours**

INSTRUCTION(S): Answer 5 questions out of 7

1. Discuss 5 ways by which nature keeps the environment stable (25 marks)
2. a. Write a short note on Environmental Management System (EMS).
b. Why is planning an important element of EMS? (25 marks)
3. a. Outline and briefly discuss the seven stages of risk assessment
b. Briefly discuss 3 benefits of Risk Assessment (25 marks)
4. List and explain the key elements of an Occupational Health and Safety Policy (25 marks)
5. List and discuss the principles of first aid (25 marks)
6. What are the precautionary measures in the prevention of accidents? (25 marks)
7. Write a short note on Life Cycle Analysis (LCA) and give 5 external uses of LCA (25 marks)