

**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS**

**SCHOOL OF SCIENCE AND TECHNOLOGY**

**JUNE/JULY EXAMINATION**

**COURSE CODE:ESM 405**

**COURSE TITLE:Environmental Protection Agencies**

**TIME ALLOWED:2½ hrs**

**INSTRUCTION: Answer any four questions**

1. (a)Nigeria as a fast growing economy in Africa is not without environmentaldegradation issues. Outline some basic ways of protecting the environment.(7½marks)

(b)Critically examine the relevance of environmental protection to our contemporary society.(10 marks)

1. (a) Define the following terms. Give three examples each:

i) Environment ii) Abiotic factor iii) Biotic factor(2½marks each)

(b)Discuss the history of environmental protection in Nigeria (10 marks)

1. (a) Explain the following terms:

i) Environmental regulation ii)Environmental standard

iii) Environmental legislation.(2½marks each)

 (b) Outline eight roles of Environmental Protection Agency that are related to pollution control. (10 marks)

1. Identify and discuss 5 broad roles of Environmental Protection Agencies in Nigeria

(17½ marks)

1. There have been reported cases of oil spill and pollution in some parts of Nigeria, including the Niger Delta. Discuss the relevance of the National Oil Spill Detection Response Agency (NOSDRA) to oil spill pollution control in Nigeria. (17½ marks)
2. Explain the mandate of the following regulatory tools:

 i) Hydrocarbon oil refineries Act, CAP 06, LFN 2004. (5½marks)

ii) Water Resources Act, CAP W2, LFN 2004.(5½marks)

iii) Nuclear Safety and Radiation Protection Act, CAP N142, LFN 2004.(6½marks)