**NATIONAL OPEN UNIVERSITY OF NIGERIA**

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

**SEPTEMBER/OCTOBER 2015 EXAMINATION**

**SCHOOL OF SCIENCE AND TECHNOLOGY**

**COURSE CODE: ESM 405**

**COURSE TITLE: ENVIRONMENTAL PROTECTION AGENCIES CASE STUDIES**

**Credit unit: 2Duration: 2hrs**

***Instruction: Answer 4 questions only***

***Question 1***

Explain the mandate of the following regulatory tools;

a. Federal Solid and Hazardous Waste Management Regulations (1991). (4 ½ marks)

b. Harmful Waste Act CAP HI, LFN 2004. (4 marks)

c. Petroleum Drilling and Production Regulations (4 ½ marks)

d. Animal Diseases (Control) Act, CAP A17, LFN 2004 (4½ marks)

***Question 2***

1a. Explain briefly the following terms. Give three examples each:

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

1b)Briefly discuss the department of environmental affairs republic of South Africa under the following headings;

i) Vision (1marks)

ii) Mission (1 mark)

iii) Strategic Objectives (4 marks)

iv) Values (4 marks

***Question 3***

a) Explain any five limitations of the study carried out on the post-environmental Impact Audit Study of Kali Gandaki "A" Hydroelectric Project in Nepal (***7½***  marks)

b In not more than five points, describe briefly the National Policy on the environment promulgated in 1998, under the following heading:

i. Policies (***5 marks)***

ii. Nigeria’s Agenda 21 Programme (***5 marks)***

***Question 4***

a) Discuss the Nature and Scope of environmental Issues arising from the construction of

Bodhghat hydroelectric development project in India. (10marks )

b) key conclusions and implications of the environmental appraisal of Bodhghat hydroelectric

development project in India. (7marks)

***Question 5***

1. Write short notes on the following;
2. Target Standards ( 3 marks)
3. Source Standards ( 4 ½ marks**)**

b) Identify 10 roles of Environmental Protection Agencies in Nigeria (1 mark each; =10 marks)

***Question 6***

Discuss the concept of environmental protection (17½ marks)