



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
Plot 91, Cadastral Zone, Nnamdi Azikwe Expressway, Jabi, Abuja  
**FACULTY OF SCIENCES**  
**DEPARTMENT OF ENVIRONMENTAL SCIENCE**  
**2023\_1 POP EXAMINATION.**

**COURSE CODE: ESM405**

**TIME: ALLOWED: 2HRS**

**CREDIT UNIT: 2**

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

**Instruction:** Attempt question number ONE (1) and any other TWO (2) questions. Question number one (1) carries 30 marks, while the other questions carry (20) marks each.

**1a.** State the three major benefits of environmental protection (**6marks**)

**1b.** Briefly discuss the essentials activities of the department of environmental affairs of the republic of south Africa under the following headings:

- i. Vision (**5marks**)
- ii. Mission (**5marks**)
- iii. Strategic objectives (**7marks**)
- iv. Value (**7marks**)

**2a.** State any 7 Environmental Assessment vision-themes for the future (**7marks**)

**2b.** Explain the history of Chemobyl Nuclear Explosion and its impact to the environment. (**13marks**)

**3a.** Briefly discuss the conclusions and implication of the environmental appraisal of Bodhghat Hydroelectric Development project in India (**5marks**)

**3b.** Discuss the role of the Department of Petroleum Resource (DRR) in Nigeria environmental safety (**15marks**)

**4.** Briefly explain the mandates of the following regulatory tools of the environment in Nigeria.

- a. Nigerian Urban and Regional Planning ACT CapN138, LFN 2004 (**8marks**)
- b. Oil in navigable waters Act, CAP 08, LFN 2004 (**6marks**)
- c. Petroleum drilling and production regulation (**6marks**)

**5a.** List the functions of Federal Environmental Protection Agency (**5marks**).

**5b.** Describe the history of Environmental Protection Agency in Nigeria. (**15marks**)