



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
Plot 91, Cadastral Zone, Nnamdi Azikwe Expressway, Jabi, Abuja  
**FACULTY OF SCIENCES**  
**DEPARTMENT OF ENVIRONMENTAL SCIENCE**  
**2024 1 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 (6 marks)
- 1b. Briefly mention the essentials of the following concepts of environmental protection department; (a) mission (b) vision (c) strategic objectives (15 marks)
- 1c. State the essentials values and affairs of the Department of Environmental Protection Agencies of South Africa case studies (9 marks)
- 2a. Discuss the role of the Department of Petroleum Resources (DPR) in Environmental Safety (14marks)
- 2b. What were the conclusions of the environmental appraisal of Bodhghat Hydroelectric Development Project in India (6marks)
- 3a. Explain the history of Chernobyl Nuclear Explosion and its impact to the environment (13 marks)
- 3b. State 7 Environmental Assessment vision-themes for the future (7marks).
- 4a. List 5 functions of Federal Environmental Protection Agency (10marks). 4b. Describe the History of Environmental Protection Agency in Nigeria (10marks)
5. Explain the mandate of the following regulatory tools:
  - (a) The Nigerian Urban and Regional Planning Act CAP N138, LFN 2004 (10marks) (b) Oil in Navigable Waters Act, CAP 06, LFN 2004. (5 marks)
  - (c) Petroleum Drilling and Production Regulations. (5 marks)