



National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja
Faculty of Science
JUNE 2020_1 EXAMINATIONS

COURSE CODE: ESM 342

COURSE TITLE: ENVIRONMENTAL IMPACT ASSESSMENT AND AUDITING

CREDIT: 3 Units

TIME ALLOWED: 2½ Hours

Instruction: Attempt question number ONE (1) and any other FOUR (4) questions. Question number one (1) carries 22 marks, while the other questions carry (12) marks each.

- 1a) Define the term Environmental Policy **(2marks)**
1b) Diagrammatically illustrate the common stages and activities that is involved in an audit **(10marks)**
1c) Briefly discuss the following models **(10marks)**
- i. Compliance Model
 - ii. New Agency Model
 - iii. Upgrading UNEP Model
 - iv. Organisation Streamlining Model
 - v. Multiple actors model
- 2a) What is environmental governance? **(1mark)**
2b) Enumerate on Post-audit steps **(8marks)**
2c) The strategy to integrate environment into economic and sectorial policies, planning and decision making processes includes? **(3marks)**
- 3a) Outline the Activities involved in conducting main environmental audit **(4marks)**
3b) What are the characteristics of a good auditor / audit team? **(4marks)**
3c) Discuss the benefits of carrying out an environmental audit in an organization financially **(4marks)**

- 4a) Complete the table listing the Effluent Limitation Guidelines (ELG) in Nigeria for all categories of industries **(5marks)**

Parameters	Limit for discharge into surface water (mg/l)	Limit for land application (mg/l)
-----1-----	Less than 40°C within 15	-
pH	6-9	-----2-----

Total suspended solids	30	-
Total dissolved solids	-----3-----	2,000
Chloride	600	-----4-----
-----5-----	500	1,000

4b) Describe the characteristics of a good report **(7marks)**

5a) Explain the considerations that are taken into for on-site audits **(6marks)**

5b) Outline the functions of International Standard Organization in environmental audit **(6marks)**

6a) Define the term Environmental Audit Report or EAR **(1mark)**

6b) What is the role of the Environmental Audit Report? **(1marks)**

6c) List the types of environmental audit exist **(4marks)**

6d) State the objectives of an Environmental Audit Report **(6marks)**