



**ELIZADE UNIVERSITY,
ILARA-MOKIN, NIGERIA**

FACULTY: BASIC & APPLIED SCIENCES

DEPARTMENT: BIOLOGICAL SCIENCES

FIRST SEMESTER EXAMINATION

2020/2021 ACADEMIC SESSION

COURSE CODE: EMT 201

COURSE TITLE: INTRODUCTION TO ENVIRONMENTAL SCIENCE

COURSE UNIT(S): 2

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DURATION: 2 HOURS

HOD'S SIGNATURE

NAME:.....

MAT. No:.....

INSTRUCTION: ANSWER ANY 2 QUESTIONS FROM EACH SECTION

SECTION A

a) Define the following terms

- (i) Ecosystem
- (ii) Ecology

(1b) Write four (4) importance each of the following components of the environment.

Atmosphere (air)

Lithosphere (soil)

Hydrosphere (water)

(2a) Discuss the living or biotic component of the ecosystem

(2b) State three (3) things that characterize each of the following aquatic environment.

- (i) Marine ecosystem
- (ii) Estuarine ecosystem
- (iii) Freshwater ecosystem

(3a) Define terrestrial ecosystem

(3b) Name two (2) things that characterize each of the following terrestrial ecosystem

- (i) Taigas
- (ii) Tundra
- (iii) Deciduous forest
- (iv) Tropical rainforest

(3c) List five (5) impacts of human activities on the environment

SECTION B

1. (a) Discuss on five (5) human activities that affect environmental components
(b) Mention three (3) consequences of soil erosion
2. (a) Explain five (5) physical and chemical indicators of water pollution
(b) If Air Pollution Index exceeds 500, what will happen in the environment?