



ELIZADE UNIVERSITY,
ILARA-MOKIN, NIGERIA

FACULTY: BASIC & APPLIED SCIENCES

DEPARTMENT: BIOLOGICAL SCIENCES

FIRST SEMESTER EXAMINATION

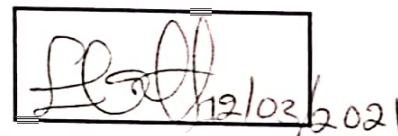
2020/2021 ACADEMIC SESSION

COURSE CODE: EMT 421

COURSE TITLE: Human Environment

COURSE UNIT: 2 UNITS

DURATION: 2 HOURS

 12/03/2021

HOD's SIGNATURE

NAME:

MAT. No:

INSTRUCTIONS

Answer FOUR questions in all

All questions carry EQUAL marks

SECTION A

1.
 - i. What do you understand by term Ecological footprint?
 - ii. What are some of the methods used in the calculation of Ecological footprint?
- b. According to Yeang (1995), list four (4) categories of impacts which built facilities have on the Earth's ecological systems and resources

(15 marks)

2. Define the following terms
 - a) Environment;
 - b) Built environment;
 - c) Superstructures;
 - d) Sustainable Development;
 - e) Depletion of ozone layer;

- b. What are the three (3) general objectives that shape the implementation of sustainable design and construction?

(15 marks)

3.
 - a. List five (5) and explain any three (3) Bronfenbrenner's Ecological Theory of Human Development.
 - b. Discuss sustainable development under the following nexus:
 - i. Economic;
 - ii. Environmental and;
 - iii. Sociocultural Factors;

(15 marks)

4.
 - a. Explain the major consequences of human misuse of the environment.
 - b. Highlight ways to mitigate the effects of human misuse of the environment?

(15 marks)

5.
 - a. Describe global warming and its characteristics resultant effects on earth.
 - b. List the twelve (12) most challenging environmental problems facing past and future societies as identified by Evolutionary Biologist and Biogeographer Jared Diamond.

(15 marks)