



ELIZADE UNIVERSITY, ILARA-MOKIN,
ONDO STATE, NIGERIA

BASIC & APPLIED SCIENCES
BIOLOGICAL SCIENCES
FIRST SEMESTER EXAMINATION
2020/2021 ACADEMIC SESSION

COURSE CODE: EMT 511

COURSE TITLE: ECOLOGICAL DISASTER MANAGEMENT AND CONTROL

DURATION: 2 HOURS

[Signature]
23/3/2021

NAME:.....MAT. No:.....

INSTRUCTION

Answer any THREE questions

1. What do you understand by the term 'natural resources'?

b. State ten (10) consequences of mismanagement of natural resources.

c. As an environmental scientists, suggest ways by which natural resources could be effectively managed.

(20 marks)

2a. Define the term 'Ecological disaster'?

b. The Fire disaster in California, United State of America is an example of ecological disaster which led to an immense loss of several million dollars' worth of properties and infrastructures. Discuss all the phases of disaster that victims of California fire outbreak would have experienced. (20 marks)

3. Write extensively on flooding, its causes and how it can be managed. (20 marks)

4a. Rainfall produces four (4) types of soil erosion. Discuss?

b. What are the effects of water erosion?

c. Write short notes on the following:

i. Soil erodibility

ii. Mitigation

iii. Management of Arid lands

iv. Disaster prevention

v. Soil drifting

(20 marks)

5a. Write concisely on Evapotranspiration and the factors affecting it.

b. Discuss the processes involved in the hydrological cycle.

c. State the benefits of establishing a greenbelt

(20 marks)