



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

**BASIC & APPLIED SCIENCES
BIOLOGICAL SCIENCES
SECOND SEMESTER EXAMINATION
2017/2018 ACADEMIC SESSION**

COURSE CODE: BTH 418

COURSE TITLE: BIORESOURCES MANAGEMENT

DURATION: 2 HOURS



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

INSTRUCTION

Answer any FOUR questions.

QUESTIONS

1.
 - a. Define and explain the three major types of biodiversity.
 - b. List seven ecological services rendered to its environment.
 - c. What are the major threats to biodiversity?
2.
 - a. Discuss the benefits of plant and animal biotechnology.
 - b. What are the obstacles to the use of biotechnology in plant and animal production?
 - c. Enumerate the constraints to bioresources management in Nigeria.
3.
 - a. i) What is domestication? ii) Discuss the types of domestication.
 - b. Discuss some traits engineered into domesticated crops.
 - c. Distinguish between domestication and taming of animals.
4.
 - a. Explain the evolutionary forces that can significantly alter the allele frequencies of a population.
 - b. State the Hardy-Weinberg Equation.
 - c. i) List seven common names of wild edible plants that you know
ii) How do we conserve the wild edible plants?
5.
 - a. What is sustainable development?
 - b. Differentiate between conservation and protection.
 - c. List six conservation agencies for natural resources management.
6.
 - a. Define genetic erosion and explain the factors responsible for genetic erosion in genebanks.
 - b. Highlight all types of ex-situ conservation that you know.
 - c. Briefly explain the utilization of plants germplasm.