



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

**DEPARTMENT OF BASIC & APPLIED SCIENCES
FACULTY OF BIOLOGICAL SCIENCES
FIRST SEMESTER EXAMINATION
2016/2017 ACADEMIC SESSION**

**COURSE CODE: BTH418
COURSE TITLE: BIORESOURCES MANAGEMENT
DURATION: 2 HOURS 30 MINUTES**

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HOD's SIGNATURE

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

**INSTRUCTIONS
Answer any four (4) questions. Each question is 15 Marks.**

QUESTIONS

- 1 (a) What is biodiversity? Outline and explain the uses of biodiversity.
(b) Discuss the principal threats to world biodiversity.

- 2(a) What is extinction of organism? Differentiate between local and global extinction.
(d) Write short note on each of the following:
 - i. Critically endangered
 - ii. Endangered
 - iii. Vulnerable
 - iv. Data Deficient

- 3(a) Discuss the benefits of plant and animal biotechnology.
(b) Distinguish between gene pool and genetic erosion.

- 4(a) What is a Genebank? Discuss the types of genebank.
(b) Outline the general objectives of seed vault. Mention two mega seed vaults you know.

- 5(a) Explain the types of plant domestication. List the traits of interest in the selection of plants for domestication
(b) List three species of each cereals, legumes and fruit trees under the following headings:
 - (i) Scientific name, and (ii) English name

6. (a) What is germplasm? Discuss the obstacles against the effective use of germplasm.
(b) Explain in detail the approach for the conservation of biological resources?