



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

**BASIC & APPLIED SCIENCES
BIOLOGICAL SCIENCES
SECOND SEMESTER EXAMINATION
2018/2019 ACADEMIC SESSION**

**COURSE CODE: BIO 202
COURSE TITLE: ECOLOGY 1
COURSE UNITS: 2 UNITS
DURATION: 2 HOURS**

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HOD's SIGNATURE

NAME:
MAT. No. :
INSTRUCTIONS: ANSWER ANY FOUR QUESTIONS

- 1a. Define the term 'ecosystem'?
 - b. Highlight the various types of Biome that you know.
 - c. Mention five (5) examples of ecosystem services.
- 2a. Briefly describe the components of the ecosystem.
 - b. State the primary producers in aquatic system with illustrations.
 - c. List the steps involved in decomposition.
- 3a. Define nutrient cycle?
 - b. Give the trophic levels in a food chain.
 - c. Differentiate between biotic and abiotic factors.
- 4a. What do you understand by the term "Eon"?
 - b. List and describe the types.....?
5. Discuss the following issues with specific examples:
 - i) Evidence available to Darwin for change through time.
 - ii) Evidence for common ancestry.
6. Mention 3 Eras on the time scale and give their characteristics.