



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

FACULTY: BASIC & APPLIED SCIENCES

DEPARTMENT: BIOLOGICAL SCIENCES

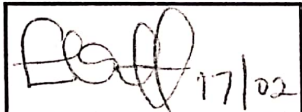
SECOND SEMESTER EXAMINATION

2019/2020 ACADEMIC SESSION

COURSE CODE: MCB 307

COURSE TITLE: MICROBIAL ECOLOGY

DURATION: 2 HOURS

 17/02/2020

HOD's SIGNATURE

NAME:.....

MAT. No:.....

INSTRUCTIONS: ANSWER ALL QUESTIONS.

1. (a) State the basic principles of microbial ecology.
(b) Explain the following terms; “colonization and succession” with reference to a mouth of a new born baby.

2. (a) Enumerate the function of soil fungi
(b) With reference to Methanogenic ecosystem in sludge digester and lichens, write concisely on the difference between syntrophism and mutualism.

3. Explain the factors that affect nature of water as a microbial habitat.

4. (a) Enumerate the pros and cons of normal flora of human body.
(b) i. State the reason(s) why the conjunctiva of apparently healthy person is sterile.
ii. Differentiate between resident and transient microbiota.