



ELIZADE UNIVERSITY,  
ILARA-MOKIN,  
ONDO STATE.

FACULTY: BASIC & APPLIED SCIENCES  
DEPARTMENT: BIOLOGICAL SCIENCES  
SECOND SEMESTER EXAMINATION  
2015/2016 ACADEMIC SESSION

COURSE CODE: MCB406

COURSE TITLE: Environmental Microbiology

DURATION: 2 Hrs

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HOD's SIGNATURE

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

INSTRUCTIONS:

Answer any FOUR questions

1. Explain the different physical and chemical factors that determine the presence of microorganisms in an aquatic habitat
2. Discuss the microbiological evidence of water pollution
3. List and describe the different classes of lakes and zones of water reservoirs
4. With relevant illustration, explain the treatment of water for consumption in a typical municipal water purification plant.
5. Discuss sewage treatment under the following subheadings:
  - (a) Primary treatment
  - (b) Biological oxygen demand
  - (c) Secondary treatment
  - (d) Tertiary treatment
6. Discuss four factors that affect the presence of microorganisms in the air