



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

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

**COURSE CODE: BTH 301  
COURSE TITLE: ENVIRONMENTAL BIOTECHNOLOGY  
DURATION: 2 HOURS**

A handwritten signature in black ink, enclosed within a rectangular box. The signature is cursive and appears to be 'S. O. Oluwalana'.

**HOD's SIGNATURE**

**NAME:.....**

**MAT. No:.....**

**INSTRUCTION**

**Answer any THREE questions.**

## QUESTIONS

1. Outline and explain current global and local environmental problems.
2. (i) What are plastics? (ii) Discuss the preventive measure and control of plastics.
3. (i) Explain phytoremediation? (ii) Account for the pathways of phytoremediation in plants?
4. Write short note on the following:
  - i. Biodegradation
  - ii. Biotransformation
  - iii. Mineralization
  - iv. Dehalogenation
  - v. Cometabolism
5. Discuss the steps involve in the production of biofuel from organic matters.