



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

**FACULTY: BASIC & APPLIED SCIENCES**

**DEPARTMENT: BIOLOGICAL SCIENCES**

**SECOND SEMESTER EXAMINATION**

**2017/2018 ACADEMIC SESSION**

**COURSE CODE: MCB 410**

**COURSE TITLE: AGRICULTURAL MICROBIOLOGY**

**DURATION: 2 HOURS**

**HOD's SIGNATURE**

**NAME:.....**

**MAT.**

**No:.....**

**INSTRUCTIONS: ANSWER ANY 2 QUESTIONS FROM EACH SECTION.**

ANSWER ANY TWO FROM EACH SECTION

### SECTION A

1. (a) List and explain the sources and spread of plant fungal diseases.  
(b) What are the economic importance of legumes, root crops and oil crops?
2. Discuss the bacterial wilt of groundnut under the following headings:
  - (a) Etiology
  - (b) Symptoms
  - (c) Transmission
  - (d) Prevention
  - (e) Control.
3. Explain in details the effects of viral diseases on crops of economic importance in Nigeria.

### SECTION B

- 1) Diseases in animals are often as a result of effects of different Pathogens that invade cells and body generally.
  - a. What are the main methods of eradicating pathogenic diseases in animals
  - b. With one example, how will you rate pathogenic organisms in their order of virulence
- 2) In a tabular format, describe how to control diseases associated with:
  - a. Dog
  - b. Chicken
- 3) Briefly describe two classes of microorganisms that can act as pathogens to animals.

MCB 410  
LAST SESSION