



FACULTY: BASIC & APPLIED SCIENCES
DEPARTMENT: BIOLOGICAL SCIENCES
SECOND SEMESTER EXAMINATION

ELIZADE UNIVERSITY,
ILARA-MOKIN,
ONDO STATE

2015/2016 ACADEMIC SESSION

COURSE CODE: MCB 410

COURSE TITLE: Agricultural Microbiology

A rectangular box containing a handwritten signature in black ink, likely belonging to the Head of Department.

HOD's SIGNATURE

DURATION: 2 Hrs

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

INSTRUCTIONS:

Answer two questions from each section.

SECTION A

1. (a) Explain the concept of plant disease
(b) Write briefly on classification and importance of plant diseases
2. (a) Discuss the diagnosis of plant disease caused by either fungi or bacteria
(b) Mention different ways in which a pathogen may cause disease in plant
- 3 Write concisely on distribution, symptoms and control of two of the following plant diseases
 - (i) Powdery mildews
 - (ii) Sigatoka disease
 - (iii) Leaf blight of maize
 - (iv) Southern bacterial wilt of Solanaceous plant

SECTION B

1. Explain Foot and Mouth Disease and Anthrax disease of cattle under the following headings:
 - (i) Causative agent
 - (ii) Transmission
 - (iii) Prevention and control
2. Discuss on transmission and control of Newcastle disease in fowls.
3. Describe one helminth and protozoa disease of animal under the following headings:
 - (i) Infectious agent
 - (ii) Symptoms
 - (iii) Control