

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Hons.) Agri. Business Management

Semester	: III (New)	Term	: I	Academic Year	: 2019-20
Course No.	: PATH 231	Title	: Fundamentals of Plant Pathology		
Credits	: 2(1+1)	Time	: 09.00 to 11.00	Total Marks	: 40
Day & Date	: Saturday, 09.11.2019				

- Note :
1. Solve ANY EIGHT questions from SECTION "A".
 2. All questions from SECTION "B" are compulsory.
 3. All questions carry equal marks.
 4. Draw neat diagrams wherever necessary.

SECTION "A"

- Q.1 Define Phytopathology, give their branches and explain objectives of Plant Pathology.
- Q.2 Define plant disease and give classification of plant diseases.
- Q.3 Explain phanerogamic plant parasites.
- Q.4 Define symptom and give classification of symptoms.
- Q.5 Define fungi and give general characters of fungi.
- Q.6 What is bacteria and give methods of reproduction of bacteria?
- Q.7 Write short note. (Any Two)
- a) Plant disease forecasting b) Quarantine
- c) History of plant pathology in different eras
- Q.8 Enlist principles of integrated plant disease management and explain any one.
- Q.9 Write down the difference between.
- a) Sign and Symptom b) Epiphytotic disease and Endemic disease
- Q.10 Give scientist contribution in relation to plant pathology.
- a) Anton van Leeuwenhoek b) P.A. Millardet
- c) Robert hook d) K.C. Mehta

SECTION "B"

- Q.11 Fill in the blanks.
- 1) The plant that is diseased is known as _____.
- 2) The agent that by its persistence association causes disease is known as _____.
- 3) The manner of production and development of a disease is known as _____.
- 4) An organism that grows on and derives its nourishment from dead organic matter is known as _____.

- Q.12 Match the following pairs.

'A'

- 1) Susceptible
- 2) Resistance
- 3) Dodder
- 4) Orobanche

'B'

- a) Complete root parasite
- b) Complete stem parasite
- c) The inherent capacity of plant to prevent disease
- d) Lacking of inherent ability of plant to resist disease

