

This question paper contains 2 printed pages]

W—53—2018

FACULTY OF SCIENCE

B.Sc. (Third Year) (Sixth Semester) EXAMINATION

OCTOBER/NOVEMBER, 2018

BOTANY

Paper XV

(Plant Pathology—II)

(Monday, 15-10-2018)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Attempt All questions.

(ii) All questions carry equal marks.

(iii) Draw neat and well labelled diagrams wherever necessary.

1. Define Aerobiology. Write in detail disease forecasting.

Or

Write in brief :

(a) Blotter paper method

(b) Seed borne pathogen.

2. Describe in detail pre and post infectional structural defense mechanism in plant.

Or

Write in brief :

(a) Phytoalexins

(b) Antibiotics.

3. Describe symptoms, causal organisms, disease cycle and control measures of Ergot of Bajra.

Or

Describe in brief :

(a) Little leaf of Brinjal

(b) Rust of Jowar.

P.T.O.

4. Describe symptoms, causal organism, disease cycle and control measures of Downy mildew of Grapes.

Or

Explain in brief :

- (a) Papaya mosaic
 - (b) Grassy shoot of sugarcane.
5. Write short notes on any *four* of the following :
- (a) Hot water treatment
 - (b) Bordeaux mixture
 - (c) Leaf curl of tomato
 - (d) Tylosis formation
 - (e) Phytophthora infestans
 - (f) Air-sampler.