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AO—56—2018

FACULTY OF SCIENCE

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

MARCH/APRIL, 2018

BOTANY

Paper XIII (Optional)

(Plant Pathology-I)

(Saturday, 24-3-2018)

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. Describe classification of plant diseases on the basis of symptoms.

Or

Write in brief :

(a) Koch's postulates

(b) Isolation of plant pathogens from soil.

2. Describe mode of entry of plant pathogens through stomata and root hairs.

Or

Write in brief :

(a) Dispersal of plant pathogens by insects.

(b) Effect of temperature on disease development.

3. Describe symptoms, causal organism, disease cycle and control measures of red rot of sugarcane.

Or

Write notes on :

(a) Symptoms and causal organism of leaf spot of tomato.

(b) Yellow vein mosaic of bhendi.

P.T.O.

