

KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Agriculture 2013 Admission

7th Semester One Time Re-Examination-January-2017

Cat. No: Path. 1101

Marks: 50.00

Title: Introductory Plant Pathology (1+1)

Time: 2 hours

I Fill up the blanks & True or false

(10x1=10)

1. Professor Millardet accidentally discovered the efficacy of
2. Father of modern plant pathology in India is
3. contributed on gene for gene hypothesis of diseases resistance and susceptibility
4. Motile sporangiospore is called
5. Complete/ holo/total stem parasite
6. B.B.Mundkar started Indian Phytopathological Society.
7. Coconut – “cadang cadang” – is caused by virus.
8. Unique character of thrips is vector of plant bacteria.
9. Banana Bunchy top is transmitted by *Toxoptera citricidus*.
10. Virus moves from one cell to another cell through the plasmodesmata.

II Write short notes on any FIVE of the following

(5x2=10)

1. Phytoplasma
2. Plant pathogenic bacteria
3. *Rhizopus* sp.
4. Alternate host
5. Root rot
6. Zygosporangia
7. Persistent virus

III Short Essays (Any FIVE)

(5x4=20)

1. Life cycle of *Albugo* sp. With suitable diagrams.
2. Taxonomic character of Ascomycotina with diagram
3. Reproduction of plant pathogenic bacteria
4. Phanerogamic plant parasites
5. Algal diseases
6. Life cycle and plant pathological significance of *Puccinia*
7. IPM in nematodes control

IV Write Essay on any ONE

(1x10=10)

1. General character of viruses and viroids.
2. Write general characters of bacteria, structure, reproduction and plant pathological sequence.
