



**KERALA AGRICULTURAL UNIVERSITY**  
**B.Sc. (Hons.) C & B 2016 Admission**  
**V Semester Final Examination-February-2019**

Plpt.3103

**Crop Pest and Disease (2+1)**

**Marks: 50**  
**Time: 2 hours**

**I Fill in the blanks (10x1=10)**

- 1 A bacterial disease of rice is.....
- 2 Disease responsible for Irish Famine is.....
- 3 An antifungal antibiotic is.....
- 4 A nursery disease of brinjal.....
- 5 An insecticide of granular form.....
- 6 One storage pest of pulses.....
- 7 The causal organism of late blight of potato.....
- 8 An obligate fungal pathogen.....
- 9 An insecticide of plant origin.....
- 10 A disease of coconut affecting terminal bud.....

**II Write short notes on ANY FIVE of the following (5x2=10)**

- 1 Formulation of insecticides
- 2 Bacterial wilt of solanaceous crops
- 3 Antagonism
- 4 Downy mildew of cucurbits
- 5 Contact fungicides
- 6 Antibiotics
- 7 Pheromones

**III Answer ANY FIVE of the following (5x4=20)**

- 1 Precautions in handling pesticides
- 2 Foliage diseases of banana
- 3 Bacterial leaf blight of rice
- 4 Beneficial insects
- 5 Classifications of plant diseases
- 6 Sulphur fungicides
- 7 Storage pests of rice and pulses

**IV Write essay on ANY ONE of the following (1x10=10)**

- 1 a Important diseases of coconut with their casual organism.  
b Symptomatology and control measures of any one of the above mentioned diseases.
- 2 a Three major insect pests of rice with their nature of damage and control measures.  
b Important tools of IPM.

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