

KERALA AGRICULTURAL UNIVERSITY

•B.Sc. Hons (Ag) 2009 admission
VIth Semester Final Examination, June /July 2012

Cat. No: Path.3204

Marks: 80

Title: Diseases of Horticulture crops and their Management (2+1)

Time: 3 hours

I. Fill up the blanks

(5 X 1 = 5)

1. Heart rot of pine apple is caused by _____
2. Total stem parasite of citrus is _____
3. Blister blight of tea is effectively managed by _____ fungicide
4. Bunchy top of banana virus is transmitted by _____
5. Coffee rust was first recorded in the year _____ in India

II. Match the following

(5 X 1 = 5)

- | | | |
|-------------------------------|---|--|
| 1. Quick decline of acid lime | - | Pre & post harvest disease of grapes |
| 2. Moko wilt | - | <i>Ganoderma lucidum</i> |
| 3. <i>Penicillium</i> sp., | - | Citrus Tristeza Virus |
| 4. Yellow disease of ginger | - | <i>Pseudomonas solanacearum</i> |
| 5. Anabe roga | - | <i>Fusarium oxysporum</i> f.sp. <i>zingiberi</i> |

III. Write short notes (ANY TEN)

(10 x3=30)

1. Causal organism and symptoms of Mahali disease of arecanut
2. Write the management practices of coffee rust
3. Symptoms and causal organism of katte disease of cardamom
4. Write the economic importance of mango anthracnose
5. Rhizome rot of turmeric
6. List out the important diseases of coffee and write the symptoms
7. Mention the symptoms of citrus Tristeza Virus and its management
8. Give the management practices for sooty mould of sapota
9. Write the symptoms of gummosis in citrus
10. Write the causal organism and symptoms of rose blackspot
11. Write the causal organism and symptoms of guava red rust
12. Write the integrated management of panama disease of banana

IV. Write short essay (ANY SIX)

(6 X 5 = 30)

1. List out the important diseases with causal organism and symptoms of Ornamental crops
2. Write in detail about Abnormal and Secondary leaf fall in rubber.
3. Explain in detail about fire blight of apple
4. Write the causal organism, symptoms and disease cycle of tea blister blight
5. Explain in detail about the cadang-cadang disease of coconut
6. Write about papaya ring spot disease
7. Difference between fruit canker and stem canker of guava
8. List out diseases of banana with causal organisms and write in detail about anthracnose

V Essay (ANY ONE)

(10 X 1 = 10)

1. List out the important diseases of grapevine. Explain about symptoms, etiology, disease cycle and Integrated Management of Downey mildew
2. List out the important diseases of coconut and Explain in detail about symptoms, etiology, disease cycle and Integrated Management of Kerala wilt disease