KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Ag. 2012 Admission

VI th Semester Final Examination- July /August -2015

Cat. No: Path.3204

Title: Diseases of Horticultural Crops & their Management (2+1)

Marks: 80

Time: 3 hours

I. Fill up the blanks /Name the following   (10x1=10)
   1. Moko wilt of banana is caused by _____
   2. A viroid disease in coconut
   3. A bacterial bio agent effective against soil borne diseases
   4. One nutritional deficiency disease of Mango
   5. Bacterial leaf spot of betelwine is caused by_____
   6. _____ causes coffee berry disease
   7. A phytoplasma disease of arecanut
   8. Cigar end rot of banana is caused by _____
   9. A disease which is closely associated with root wilt of coconut
   10. Causal agent of leaf blotch of clove

II. Writer short notes   (10x3=30)
   1. Symptoms of bunchy top disease of banana
   2. Management of bud rot of coconut
   3. Symptoms of papaya ring spot disease
   4. Swollen shoot of cocoa
   5. Symptoms and causal organism of phytophthora disease of orchids
   6. Symptoms of anthracnose of mango
   7. Causal organism and symptoms of citrus exocortis
   8. Differentiate symptoms of stem bleeding and Thanjawur wilt of coconut
   9. Fungal diseases of cinnamon
   10. Write causal organism and symptoms of red rust of guava
   11. Foot rot of betelvine
   12. Damping off of cashew

III. Write essays on **ANY SIX** of the following   (6x5=30)
   1. Symptoms, etiology and management of panama disease of banana
   2. Symptoms, etiology and management of downey mildew of grapes
   3. List out diseases of vanilla, causal organism and manangement
   4. Post harvest diseases of Mango
   5. Root diseases of tea and their management
   6. Symptoms, etiology and management of foot rot of black pepper
   7. Symptoms, causal organism and management of citrus tristeza
   8. Symptoms, etiology and management of nutmeg diseases

IV Write essay on **any ONE**   (1x10=10)
   1. List out diseases of cardamom prevalent in India, their casual organism and management

   2. Write symptoms, etiology and management of foliar diseases of rubber