Plpt. 3103   Crop Pests and Diseases   (2+1)

Marks: 50

Time: 2 hours

I   **Fill up the blanks:**   (10x1=10)

1   Solar solarisation comes under ------------ method of Plant disease control
2   Bud rot disease of coconut is caused by ------------
3   Insect cuticle is made of------------
4   A bacteria which is used for control of plant diseases is ------------
5   Type of sprayer used for coconut spraying is ------------
6   Grass hoppers have ------------ type of mouth parts
7   The full form of IPM ------------
8   ------------ is a systemic insecticide.
9   Scientific name of Rhinocerous beetle is ------------
10 Insects belong to Phylum ------------

II   **Write short notes on any FIVE:**   (5x2=10)

1   Brown Plant Hopper
2   Symptoms of Bacterial Leaf bight of rice along with causal organism
3   Causal organism and symptoms of Leaf spot diseases of Bhindi
4   Symptoms of root wilt disease of coconut
5   Differentiate between diagnostic symptoms of Cordana disease and Sigatoka disease of banana
6   Explain the diagnostic test for the confirmation of a bacterial disease
7   Antibiotics in Plant disease control with suitable example

III   **Answer any FIVE:**   (5x4=20)

1   Distinguish between symptoms of Sheath blight and Sheath rot diseases of Rice
2   Brief notes on Entomopathogenic Fungi(EPF) and EPN with examples
3   Symptoms and management of a bacterial disease of banana
4   Cultural methods of Control pests of crop plants
5   Brief about any three types of mouth parts of Insect pests with suitable diagrams and Give one example for each
6   Rodents affecting crop plants
7   Symptoms and management of Mites infesting Vegetables

IV   **Write essay on any ONE:**   (1x10=10)

1   List out the major diseases of Black pepper along with their causal organisms and Write in detail the symptoms and management of Foot rot of Black Pepper.
2   List out the major pests of coconut along with scientific names and Describe in detail about the symptoms and control of weevil pests of coconut.

****