



End Semester Examination September/October 2012  
Year II Semester II

TEA 213-2 Pest and Disease Management

**Instructions**

Answer all questions  
No. of questions : Three (03)  
No. of pages : Two (2)  
Total marks allocated : 60%  
Time : One hour (1 hr)

Index No:



**Part II - Essay**

**Question one**

Discuss the following.

- (i) the recommended herbicides for tea lands.
- (ii) importance of safe use and precautionary measures to be followed (from selection of a herbicide until completion of field spraying) during the handling of herbicides.

(20 marks)

**Question two**

- (i) Among tea diseases, discuss the economic significance of Blister blight.
- (ii) 'Systemic fungicides provide an enormous step forward in the chemical control of plant diseases, but the highly specific mode of action of those fungicides has proven to be a weakness'.
  - a) Explain the above statement and describe strategies that can be used to combat this weakness.

b) Other than the weakness mentioned above, use of systemic fungicides is restricted in tea plucking fields. Explain the reasons and the ways to overcome this problem.

(20 marks)

**Question three**

(i) Describe the 'Good Agricultural Practices' adopted for pesticide residue monitoring in made tea.

(ii) Explain the role of "soil organic amendments" in integrated nematode management in tea.

(20 Marks)