



AF-3099

B.Sc. (Part - III)
Term End Examination, 2017-18

FORESTRY

Paper - II

Time : Three Hours] [*Maximum Marks* : 50

Note : Answer **all** questions. All questions carry equal marks.

Unit-I

1. What is Soil? What are the various properties of soil? Explain and write about the functions of soil.

OR

Explain the importance of soil. Write note on soil pollution and its control measures.

(2)

Unit-II

2. Write notes on the following :

- (a) Heart root
- (b) Root diseases

OR

Define Disease. What are the various types of plant diseases ? Write briefly about the methods of control.

Unit-III

3. Classify class insects with their identical features. Write a note on insect which damage teak (*tectona grandis*) tree.

OR

Write brief notes on the following :

- (a) Pests of nurseries
- (b) Insects which harms the timber

Unit-IV

4. Write in detail about factors affecting forest protection. Explain the kinds of forest protection measures.

OR

(3)

What are the various biotic factors which effects the natural regeneration in forest ?
How can they affect and how can we control the harms of biotic pressure ?

Unit-V

5. What are the various types of forest bridges ? Write note on their features and utility.

OR

What are the various types of building construction methods used in forest ? What materials are used for building construction in forest ? Write in detail.
