



**AF-3099**

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

**FORESTRY**

Paper - II

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

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

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**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.

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