



**AF-3033**

B.Sc. (Part - I)  
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 do you mean by 'Regeneration of Forest' ? Briefly discuss the method of natural regeneration and point out its significance.

**OR**

Write short notes on the following :

- (a) Tending operation
- (b) Secondary forest

( 2 )

**Unit-II**

2. What is the 'High Forest System' ? Give a brief account of the various mode of forestry under high forest system.

**OR**

Briefly comment on the following :

- (a) Seed bed
- (b) Tending
- (c) Thinning
- (d) Shelter wood

**Unit-III**

3. What do you understand by 'Silvics' ? Give a concise account of silvics of bamboo and eucalyptus tree.

**OR**

Write very brief notes on the following :

- (a) Dendrology
- (b) Phenological characters
- (c) Ecology of pine tree
- (d) Growth behaviour of Sal

( 3 )

**Unit-IV**

4. What do you mean by soil erosion ? Discuss the factors responsible for soil erosion and point out the importance of soil conservation.

**OR**

Write short notes on the following :

- (a) Mined areas and wetlands
- (b) Ravine lands

**Unit-V**

5. What do you understand by Forestry Seeds ? Give a very concise account of the collection and processing of seeds.

**OR**

Briefly comment on the following :

- (a) TZ test
  - (b) Seed warehouse
  - (c) Fumigation
  - (d) Dormant seed
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