



AF-3033

B.Sc. (Part - I)
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 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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