

AE-1233

B.Sc. (Part - I)
Term End Examination, 2016-17

FORESTRY

Paper - II

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

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

Unit-I

1. What is Artificial Regeneration ? Describe the factors which affect artificial regeneration.

OR

Write notes on the following :

- (a) Kinds of thinning
- (b) High forests
- (c) Coppice forests
- (d) Weeding

(2)

Unit-II

2. What do you understand by Silvicultural System? Describe the different ways of classification of Silvicultural System.

OR

Write about the benefits of improvement felling of Natural Forests.

Unit-III

3. Write detailed notes on life history, growth behaviour and ecology of Sal and Teak tree species.

OR

Define Silvics. Write about the phenological characteristics of Sissoo and Khamer tree species.

Unit-IV

4. What is Watershed? Describe its type and give its importance.

OR

Write short notes on the following :

- (a) Soil and Water conservation techniques
- (b) Rehabilitation of saline and alkaline lands

(3)

Unit-V

5. Define Seed Dormancy. What are its causes and state the methods of Seed Dormancy Breaking ?

OR

Write notes on the following :

- (a) Methods of Seed Storage
 - (b) Seed Testing
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