

# **AE-1260**

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

## **FORESTRY**

Paper - I

*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 the term 'social forestry'? What are the various objects of the programme? Write the scope also.

**OR**

Discuss the economic benefits of Social Forestry Programme. Why social forestry scheme is needed for forest conservation?

( 2 )

**Unit-II**

2. What is JFM Programme ? Why peoples participation is the backbone of JFM programme ?

**OR**

Explain the following :

- (a) Objectives of JFM Programme
- (b) JFM and constraints during implementation

**Unit-III**

3. What is rotation in forest ? What are its types ? Discuss the significance of rotation in forest management.

**OR**

Write notes on the following :

- (a) Normal Forest
- (b) Sustained yield
- (c) Growing stock

**Unit-IV**

4. What are the various techniques to measure the tree height in forest ?

**OR**

( 3 )

Explain the following :

- (a) Tree Diameter Measurement
- (b) Objects of Forest Mensuration

**Unit-V**

5. How do we classify the forest on the basis of following criterion (any **two**) :

- (a) Geographical
- (b) Legal
- (c) Functional

**OR**

Write short notes on any **three** of the following :

- (a) Cutting Section
  - (b) Periodic Blocks
  - (c) Working Circle
  - (d) Felling Series
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