

B.B.A. (Forest Management and Eco-Tourism) CBCS Pattern Semester-I
004 - Paper-I - Forest Management and Plantation Forestry

P. Pages : 2

Time : Three Hours



GUG/S/25/14290

Max. Marks : 70

1. Long Questions

1. Discuss the principles of forest management and their applications in sustainable forestry. **7**

OR

2. Explain the concept of sustained yield and its importance in forest management. **7**
3. Describe the different kinds of forest rotations and their relevance to forest management. **7**

OR

4. Discuss the concept of normal forest and its management principles. **7**
5. Explain the factors determining the scale and rate of plantation forestry. **7**

OR

6. Describe the methods for establishing plantations and the key considerations involved. **7**
7. Analyze the role of pruning and thinning in producing quality wood in plantations. **7**

OR

8. Evaluate the impact of ecological factors on the long-term productivity of plantations. **7**

2. Short Questions.

1. Analyze the role of pruning and thinning in quality wood production. **3**

OR

2. Explain the sustained yield concept and its significance in forestry. **3**
3. Evaluate the impact of ecological factors on plantation productivity. **3**

OR

4. Describe the process of estimating growing stock. **3**
5. Discuss the factors that determine the scale and rate of plantation. **3**

OR

6. Explain the methods for establishing plantations. **3**

7. Discuss the principles of forest management and their applications. **3**

OR

8. Analyze the different kinds of rotations and their implications in forest management. **3**

- 3.** Answer question in one line. **1x8**

1. Define the principles of forest management and their applications in sustainable forestry.
2. Explain the concept of sustained yield and its importance in forest management.
3. Describe the different kinds of forest rotations and their relevance.
4. Discuss the significance of normal forest and its management.
5. Explain the factors determining the scale and rate of plantation forestry.
6. Describe the methods for establishing plantations and the key considerations involved.
7. Analyze the role of pruning and thinning in producing quality wood in plantations.
8. Evaluate the impact of ecological factors on the long-term productivity of plantations.

- 4.** Fill in the Blanks. **1x6**

1. The primary objective of forest management is -----.
2. A cutting section in forestry refers to -----.
3. Normal forest is defined as -----.
4. Protective afforestation aims to -----.
5. The conversion period in forestry is -----.
6. Wasteland plantation involves. -----.

- 5.** Either:

1. Explain the factors determining the scale and rate of plantation forestry. **8**
2. Explain the concept of sustained yield and its importance in forest management. **8**
3. Evaluate the impact of ecological factors on the long-term productivity of plantations. **8**
