

SC(MP)ACFTCE(09MY)

FORESTRY

Time Allowed : 3 hours

Full Marks : 100

*The figures in the margin indicate
full marks for the questions.*

*Attempt 10 (ten) questions
taking 5 (five) questions from each section.*

SECTION - A

1. What is Agroforestry? Discuss briefly the management of tree and crops under Agroforestry System. **(3+7=10)**
2. Discuss the need, concept and scope of Social Forestry. **(10)**
3. Write notes on: **(2×5=10)**
 - (a) Shelterbelts and its role in soil conservation.
 - (b) Role of microorganisms in soil amelioration.
4. Describe the role of Watershed management practices in controlling flood due to run off and soil erosion. **(10)**
5. Discuss the different components of environment and the role of forest in environment conservation. **(10)**

(Contd. 2)

6. Write notes on: **(2×5=10)**
(a) Ozone layer depletion and its consequences.
(b) Social dynamics of deforestation.
7. What problems are associated with breeding disease resistant trees and what gains have been made?
(6+4=10)

SECTION - B

8. What is Normal Forest? Elaborate the different attributes of Normal Forest. **(3+7=10)**
9. Write notes on: **(2×5=10)**
(a) Vegetation mapping using remote sensing.
(b) Forest Working plans.
10. Define Forest Ecosystem. Elaborate the structure and function of forest ecosystem. **(3+7=10)**
11. What is NTFPs? Discuss the collection, processing and disposal of canes and bamboos. **(3+7=10)**
12. Write notes on: **(2×5=10)**
(a) Air seasoning
(b) Solar dehumidification

(Contd. 3)

- 13.** Write notes on: **(2×5=10)**
- (a) Shifting Cultivation
 - (b) Rotational grazing
- 14.** Compare and contrast the Forest Policies of 1952 and 1988. **(10)**

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