

**CSM : 17**

**FORESTRY  
PAPER - II**

Time Allowed : 3 hours

Full Marks : 100

*Marks for each question is indicated against it.*

*Attempt any 5 (five) questions taking not more than 3 (three) questions from each Part.*

**PART - A**

1. Explain various methods and procedure to measure the DBH and height of a tree in a hilly terrain. **(20)**
2. Write short notes on: **(4×5=20)**
  - (a) Procedure of allotting periodic blocks in a forest
  - (b) Interrelation between CAI & MAI
  - (c) Forest working plan
  - (d) Regeneration stock map
3. What are the principles of remote sensing? Explain how remote sensing is used in monitoring the forest cover. **(5+15=20)**
4. Write short notes on: **(4×5=20)**
  - (a) Types of timber bridges constructed in forest areas
  - (b) Characteristics and utility of a forest map
  - (c) Normal forest and its attributes
  - (d) Steps involved in formation of Joint forest participatory management

**PART - B**

5. What are the characteristic features of a rain forest? Discuss the distribution of rain forest in India with an emphasis on principal species composition. **(5+15=20)**
6. Write short notes on the followings: **(2×10=20)**
- (a) Role of ethnobotany in Indian systems of medicine
  - (b) Ecological consequences of shifting cultivation
7. Write salient features of: **(4×5=20)**
- (a) Indian Forest Policy, 1988
  - (b) Wildlife Protection Act, 1972
  - (c) Forest Conservation Act, 1980
  - (d) Indian Forest Act, 1927
8. Write notes on the following: **(2×10=20)**
- (a) Collection, processing and disposal of bidi leaves
  - (b) Need and importance of wood seasoning

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