

AJ-1123
B.Sc. (Part-I)
Term End Examination, 2021-22
FORESTRY
(Paper – II)

Time : 3 hrs.]

[M.M. : 50

Note: *Attempt all five questions. One question from each unit is compulsory. All questions carry equal marks.*

Unit -1

1. What do you mean by artificial regeneration? Describe the essential preliminary consideration are taken for artificial regeneration.

OR

Write short notes on :

- (i) Nursery management for forest trees. (ii) Thinning Operation.

Unit -II

2. Write in detail coppice system with its advantages and disadvantages.

OR

Write short notes on :

- (i) Improvements felling (ii) High Forest System.

Unit -III

3. Define silvics of Sal (*Shorea robusta*) with its economic importance in Chhattisgarh.

OR

Write notes on :

- (i) Phenology of Eucalyptus. (ii) Silvics of Teak.

Unit -IV

4. What do you mean by soil erosion ? Write in detail the factors affecting soil erosion and its mitigating measures.

OR

Write notes on :

- (i) Species suitable for saline and alkaline soil.
(ii) Species suitable for planting mined area.

Unit -V

5. What is seed dormancy ? Write in detail the methods using for breaking seed dormancy?

OR

Write notes on :

- (i) Methods of seed collection.
(ii) Seed testing.