



Registration No:

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AR-2019

B.Sc (Ag.) 1ST SEMESTER EXAMINATIONS (REGULAR),NOV/DEC 2019

FO-111

INTRODUCTION TO FORESTRY

Time : 2 Hours

Maximum : 50 Marks

(Answer all questions of Section – A)

SECTION – A

1. Fill up the blanks with suitable & meaningful word. [10 X 0.5 = 5]

- (a) Removing almost all the crown of a standing tree is referred as _____.
- (b) An area set aside for raising of young seedlings and saplings is called as _____.
- (c) Lac & resin are the _____ forest products for the human society.
- (d) Cutting of side branches and foliage of fodder tree for animal feeding is known as _____.
- (e) The sustainable land use system is coined as _____.
- (f) _____ Plants love to grow under sun light.
- (g) Evergreen forests with the climate of high humidity and rain fall is called as _____.
- (h) Ravi altimeter is used for measurement of plant _____.
- (i) Planting of bamboo for soil _____ in slope area .
- (j) The science of forest tree cultivation is known as _____.

2. Define / Explain with one or two sentence (*any five*) [5 x 1.0 = 5]

- (a) Sucker (b) Stool (c) Wolf tree (d) Shelter belt (e) Pruning (f) Grazing

3. Write *True* or *False* against the following statements . [10 x 0.5 = 5]

- (i) A forest with densed and closed canopy is called Closed Forest.
- (ii) Any substance that will produce energy as heat in useful amount is called fuel.
- (iii) The girth at breast height in abbreviation is referred as GBH.
- (iv) The process of transforming a barren area into forest is known as Afforestation.
- (v) The living component in an ecosystem is named as Biotic factor.
- (vi) The conifer forests have broad leaved trees.
- (vii) The standing tree height measurements are done by hypsometer and also by single pole method.
- (viii) An operation including cleaning, thinning and pruning for the better management of forest is called Tending operation.
- (ix) Wild life means all non domesticated vertebrates and higher invertebrates living in forest ecosystem.
- (x) Mother tree is the female seed tree parent of the forest species.



4. Match the following (Group A with Group B) [10 X 0.5 = 5]

Group A

- I. Lower stratum of vegetation in the forest floor
- II. A large woody perennial plant
- III. Setting of the young trees among the existing forest
- IV. The stem of a tree after felling & trimming
- V. Unwanted plants among the desirable plants
- VI. Plant of foreign origin
- VII. The crown of tree
- VIII. The nonliving components in an ecosystem
- IX. The single main stem of the tree
- X. A merchantable size of tree that is unacceptable due to defects

Group B

- a) Abiotic
- b) Bole
- c) Canopy
- d) Exotic
- e) Cull
- f) Undergrowth
- g) Weed
- h) Log
- i) Tree
- j) Inter planting

SECTION –B : (Short answer questions) 5 X6=30

Attempt any *five* questions . (Each question carries equal marks)

- 5) Well-liked Agroforestry systems of India.
- 6) Advantage of seedling/sapling planting methods
- 7) Seed ball method of afforestation.
- 8) Types of coppice systems in forest management.
- 9) Different types of tree canopy pattern in Indian forests.
- 10) Major forest products used by the human society.