



**KERALA AGRICULTURAL UNIVERSITY**

**B.Sc.(Hons).Forestry 2017 Admission**

**IV Semester Final Examination-July 2019**

**Safo.2208**

**Forest Nursery Technology (1+1)**

**Marks: 50**

**Time: 2 hours**

**1 State True or False**

**(10x1=10)**

- 1 The width of forest nurseries is generally kept 1.2 -1.8 mt.
- 2 The book "Nursery Manual for forest tree species" is written by J. Evans.
- 3 Sandy loam soils are most suitable type of soils for forest nurseries.
- 4 The Oak and Walnut have Hypogeal type of germination.
- 5 The viability of *Casuarina equisetifolia* is for about 12 months.

**Define**

- 6 Grafting
- 7 Mulching
- 8 Damping off
- 9 Cover crops
- 10 Fumigation

**II Write short notes on ANY FIVE of the following.**

**(5x2=10)**

- 1 Types of seed germination.
- 2 Exotic species in Forestry Nursery.
- 3 Target seedling concept.
- 4 Pre-sowing treatments.
- 5 Methods of seed sowing.
- 6 Storing and transportation of nursery stock.
- 7 Weeding and hoeing in forest nurseries.

**III Answer any FIVE of the following.**

**(5x4=20)**

- 1 Types of Nurseries and Nursery beds.
- 2 Advantages and disadvantages of containerized and bare root seedlings.
- 3 Methods of seed treatment.
- 4 Advantages and steps in pricking out.
- 5 Modern trends in forest nursery management.
- 6 Preparation of ingredient mixture for forest nurseries.
- 7 Nursery practices for any tree species of your locality.

**IV Answer any ONE of the following**

**(1x10=10)**

- 1 Importance of site selection for establishment of forest nursery with layout of an ideal forest nursery.
- 2 Important diseases and nursery pests found in forest nurseries with their control measures.

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