



**KERALA AGRICULTURAL UNIVERSITY**  
**B.Sc.(Hons).Forestry 2016 Admission**  
**IV Semester Final Examination- July 2018**

Safo.2208

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

**Marks: 50**  
**Time: 2 hours**

**1 Fill up the blanks**

**(10x1=10)**

- 1 ..... nurseries are established near to plantation site
- 2 Grading is important factor which decides the .....of seedlings.
- 3 ..... is the serious nursery disease.
- 4 .....is done to eliminate soil pest before filling the poly bags.
- 5 ..... are useful to prune the roots and for formation of hairy roots.

**State whether the following statements are true or false**

- 6 Pricking of seedlings from bed is usually done at two- three leaf stage.
- 7 Mycorrhiza is not useful in Forest Nursery.
- 8 Stump is a root shoot cutting used for afforestation in Teak.
- 9 Seed for nursery raising should always be collected from old mature tree.
- 10 Fertigation in forest nursery does not have any effect on growth of seedlings.

**II Write short notes/answers etc on ANY FIVE**

**(5x2=10)**

- 1 Important nursery pests and diseases
- 2 Different methods of seed sowing
- 3 Containers used for Storage of seed
- 4 Type of containers for seedling raising in nursery
- 5 Importance of Mycorrhiza in Nursery
- 6 Advantages of bare root seedlings
- 7 Types of Nursery beds

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

**(5x4=20)**

- 1 Different types of nurseries and their importance
- 2 Types of media used in nurseries.
- 3 Importance of mulching in nurseries
- 4 Different intercultural operation performed in forest nursery
- 5 Requirements of an ideal nursery
- 6 Different vegetative propagation methods followed in forest nurseries.
- 7 Nursery practices for raising of seedlings in Eucalyptus

**IV Write an essay on any ONE of the following**

**(1x10=10)**

- 1 The factors of seed dormancy and write the methods of Pre-sowing treatments.
- 2 The various emerging trends in tropical forest nursery management

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