

KERALA AGRICULTURAL UNIVERSITY
B.Sc (Hons.) Forestry Degree Programme. 2014 Admission.
IVth Semester Final Examination-August.2016

Cat. No: Safo.2211

Marks: 50

Title: Nursery Management (1+1)

Time: 2 hours

I. Fill up the blanks

(10 x 1=10)

1. Nursery that is maintained without irrigation is called as _____
2. The application of fertilizers along with irrigation water is called as _____
3. The acidity of soil can be controlled by the addition of _____
4. Pricking out of seedlings from the germination beds to polybags is done when the seedlings are in _____ leaf stage.
5. _____ is the process of categorizing seedlings of nearly equal height

Match the following.

- | | |
|------------------------------|-------------|
| 6. <i>Tectona grandis</i> | Damping off |
| 7. <i>Ailanthus triphysa</i> | Lignotuber |
| 8. <i>Eucalyptus grandis</i> | Soft wood |
| 9. <i>Rhizoctonia solani</i> | Rhizobium |
| 10. <i>Albizia lebbek</i> | Hard wood |

II Write short notes on any FIVE.

(5 x 2=10)

1. Fumigation.
2. Bio fertilizers.
3. Field capacity.
4. Hoeing.
5. Sunken beds.
6. Cover crops.
7. Different container seedlings.

III Write short essay on any FIVE

(5 x 4=20)

1. Different kinds of pits.
2. Pruning, kinds of pruning.
3. Practical significance of V AM in forestry
4. Different types of weeding.
5. Advantages and disadvantages of direct seed sowing.
6. Name three important nursery pests, diseases and their control measures.
7. Advantages of containerized seedlings.

IV Write Essay on any ONE

(1 x 10=10)

1. Principles and practices involved in site selection and lay out of a permanent nursery.
2. Starting from seeds how will you prepare stumps for planting 1 ha of a deforested area.
