

ANDHRA CHRISTIAN COLLEGE, GUNTUR.

DEPARTMENT OF BOTANY.

CERTIFICATE COURSE IN PLANT NURSERY 2018 -19

Total hours of teaching 30 hrs @ 1 hr per day

SYLLABUS:

UNIT I.

- 1) Definition, Importance of Plant Nursery.
- 2) Different types of Nurseries.
- 3) Basic facilities, Layout and Components of a good Nursery. - 10 hrs

UNIT II.

- 1) Nursery beds- types and precautions to be taken during preparation. Growth Media, Tools and Instruments, Containers for plant nursery.
- 2) Vegetative propagation techniques to produce planting material, Sowing methods. - 10hrs

UNIT III

- 1) Seasonal activities, nursery management - watering, weeding, pest & disease management
- 2) Economics of Nursery development, pricing and record maintenance. ---10 hrs



Head of the Department of Botany
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IV - Section
P. B.Sc
Class: 907

30
30

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Question Paper 2018 -19

Each question carries **two** marks.

Max.marks : 30

1. Nursery is a managed site, where the following are grown under favorable conditions.
a) Trees b) Shurbs ~~c) Seedlings~~ d) None of the above
2. One of the following is not grown in vegetable nursery
~~a) Mango~~ b) cucumber c) tomato d) Alocasia
3. The beds that are slightly kept below the general ground level are called
~~a) Sunken beds~~ b) Raised beds c) Level beds d) Flat beds
4. The method of budding in which the bud is prepared by taking a ring of bark with the bud in the centre is called
a) T-budding b) Patch budding c) Top working ~~d) Ring budding~~
5. Raised beds are supported with
a) Line of bricks b) Bamboos ~~c) Both a and b~~ d) None of the above
6. The following is used for air layering in woody perennials
a) Peat b) Soil ~~c) Sphagnum moss~~ d) Vermiculate
7. The following tools are used in nursery
a) Kudali b) Trowel c) Weeding fork ~~d) All the above~~
8. The beds that are used for raising seedlings are
a) Raised beds b) Sunken beds ~~c) Level beds~~ d) None of the above
9. What is the limiting factor in the production of quality nursery crops in containers?
a) Media b) Drainage ~~c) Both the above~~ d) None of the above

10. One of the following is not a vegetative propagation method

- a) Cutting b) Grafting c) Layering d) ~~Sowing seeds~~

11. Joining of parts of two independent plants is called

- a) Layering b) ~~Grafting~~ c) Cutting d) Suckering

12. What is Micro-propagation ?

- a) Breaking and softening of seeds b) ~~Propagating plants from miniature plant tissues~~ c) Exposing seeds to chilling temperatures d) None of the above

13. Part of mother plant used in budding and grafting to develop fruit tree is called

- a) ~~Scion~~ b) Rootstock c) Sucker d) Cutting

14. One of the following statements is wrong in selecting the site for nursery.

- a) The location should be partially shaded
b) It should be well protected from animals
c) ~~The area should not be nearer to the water source~~
d) Proper drainage facilities should be provided

15. One of the following is not a Financial and production record

- a) Expense data b) ~~Crop development records~~ c) Production data d) Unit -cost data

Answers: