

B. Sc. DEGREE EXAMINATION, NOVEMBER 2007
BRANCH V (a) – PLANT BIOLOGY AND PLANT BIOTECHNOLOGY
FIRST SEMESTER

COURSE : MAJOR – OPTIONAL
PAPER : ELEMENTS OF HORTICULTURE
TIME : 3 HOURS

MAX.MARKS:100

SECTION – A

ANSWER ALL QUESTIONS

(18 marks)

I Choose the correct answer:

1. A technique in which shrubs are pruned into geometric shapes
a. Mulching b. Pruning c. Topiary d. Cutting
2. Asters are
a. Annuals b. Biennials c. Perennials d. Climbers
3. Olericulture is the study of
a. Fruits b. Flowers c. Vegetables d. Pomology
4. Transferring a plant from small pot to a larger one is
a. Repotting b. Potting c. Depotting d. Grafting
5. Plant commonly used for Topiary
a. *Cupresses* b. *Taxus* c. Balsam d. Aster

II. Fill in the blanks:

6. is the art of growing dwarf plants.
7. Japanese's style of flower arrangement is known as
8. is a climber used in arches.
9. When the base of scion is prepared in a wedge like manner it is known as
10. is used to cover cut area in air layering

III. State true or false:

11. Carrot is an annual.
12. Sprayer is used to pour water.
13. Soil less culture of plants is called terrarium.
14. *Opuntia* is a climber

IV. Match the following:

15. Melon - Sexual reproduction
16. *Quisqualis* - Creeper
17. Seeds - Vegetative propagation
18. Cutting - Climber

V. Answer any six questions:

(6x3=18)

19. Vegetable Forcing
20. Budding
21. Sprinkler
22. Cut flower
23. Truck garden

- 24. Mulch
- 26. Turf
- 27. Stock

SECTION - B

Answer any four questions. Each answer not to exceed 200 words: (4x6=24)

- 28. Explain how to prolong the vase life of flowers.
- 29. Write an account on Rockery.
- 30. Explain Potting.
- 31. How will you prepare a bottle garden.
- 32. Write an account of hanging baskets.
- 33. Draw a dry flower arrangement and write about choice of materials for it.

SECTION - C

Answer any two questions. Each answer not to exceed 1000 words: (2x20=40)

- 34. Write about the different methods of layering and grafting.
- 35. Draw a lay out of a kitchen garden. Add a note on selection of site and choice of plants.
- 36. Write an account on lawn making and its maintenance.
- 37. Give an elaborate account of green house.
