

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted from the academic year 2004-05 & thereafter)

SUBJECT CODE: BT/AO/AH23

B. Sc. DEGREE EXAMINATION, APRIL 2008
BRANCH VI(A) – ADVANCED ZOOLOGY AND BIOTECHNOLOGY
SECOND SEMESTER

COURSE : ALLIED – OPTIONAL
PAPER : APPLIED HORTICULTURE
TIME : 3 HOURS **MAX. MARKS : 100**

SECTION – A

ANSWER ALL QUESTIONS

I CHOOSE THE CORRECT ANSWER: (18 x 1 = 18)

1. Succulents and cacti are grown in
a) Water garden b) Rock garden c) Kitchen garden
2. *Bougainvillea* is a
a) perennial climber b) annual climber c) biennial climber
3. Training of plants by wiring is done in
a) Terrarium b) Lawn c) Bonsai
4. Compound layering is otherwise known as
a) complicated layering b) serpentine layering c) slanting layering
5. *Balsam* is an
a) annual b) biennial c) climber

II STATE TRUE OR FALSE :

6. Repotting is done when the plant is too big for the container.
7. Sprinklers are used to water the lawn.
8. *Dolichos lab-lab* is a biennial plant.
9. Terrarium is a type of terrace garden.
10. Shallow glazed pots are used for Bonsai.

III MATCH THE FOLLOWING:

- | | | |
|-----------------|---|----------------|
| 11. Tomato | - | Bonsai |
| 12. Lotus | - | Cut flower |
| 13. Gladiolus | - | Kitchen garden |
| 14. Pomegranate | - | Water garden |
| 15. Crock | - | Hanging Basket |
| | - | Pot |

IV FILL IN THE BLANKS:

16. Study of fruits is known as _____.
17. Turf is a piece of _____.
18. Layering is a type of _____ propagation.

V ANSWER ANY SIX NOT EXCEEDING 50 WORDS:

(6 x 3 = 18)

19. Annual.
20. Grafting.
21. Terrarium.
22. Semi cascade.
23. Cut flower.
24. Clay pot.
25. Air layering.
26. Ikebana.
27. flute budding.

SECTION - B

ANSWER ANY FOUR OF THE FOLLOWING IN 200 WORDS: (4 x 6 = 24)

28. Define layering? Explain the different types of layering.
29. How is the terrace garden prepared?
30. Explain the preparation of a hanging basket.
31. Draw and describe the rock garden. Name the plants suited for it.
32. Give an account of the classification of horticultural plants.
33. Draw and describe any three budding methods.

SECTION - C

ANSWER ANY TWO IN 1000 WORDS. DRAW DIAGRAMS WHEREVER NECESSARY: (2 x 20 = 40)

34. Describe in detail the types of pots used and the method of potting and repotting of plants.
35. Describe any three cut flowers and the methods to prolong the vase life of cut flowers.
36. Discuss the preparation and different styles of Bonsai.
37. Draw and describe the lay out of a Kitchen garden. Write about how to grow vegetables for a full year.
