

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2022
(Sixth Semester)

Branch – BOTANY

HORTICULTURE

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 1 = 10)

1. Find the method of growing of tree species alone in specific locations
(i) Olericulture (ii) Arboriculture
(iii) Gardening (iv) Plantation crops
2. Indicate the other name of Air layering
(i) Gootee (ii) Serpentine layering
(ii) Tip layering (iv) Etiolation method
3. Name the type of garden where miniature garden inside the see-through glass container or case
(i) Finger garden (ii) Bottle garden
(iii) Terrarium (iv) Dish garden
4. What is the name of Synthetic lawn made from synthetic fibres?
(i) Doob grass (ii) Astro turf
(iii) Hariyali (iv) Blue grass
5. Which among the following flower occupy the top position in cut flower trade in world?
(i) Orchids (ii) Gladiolus
(iii) Iris (iv) Gerberas
6. Choose the correct choice from the following for Eastern style of flower arrangement
(i) Triadic arrangement (ii) Chinese style
(iii) Occidental style (iv) Ikebana
7. Mention the type of Storage of fruits using sub-atmospheric pressure
(i) Air cooled storage (ii) Hypobasic storage
(iii) Refrigerated storage (iv) Controlled atmospheric storage
8. Mango is propagated mainly by
(i) Budding (ii) Air-layering
(iii) Grafting (iv) Cuttage
9. Name the concentrated fruit juices that are used as sweeteners
(i) fruit squash (ii) fruit syrups
(iii) fruit jam (iv) fruit jelly
10. The system of training in which the main stem extends upto top of the tree is called
a. open centre system b) vase-shaped system
c) closed centered system d) modified leader system

Cont...

SECTION - B (35 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 7 = 35)

- 11 a) Explain method of air layering.
OR
b) Briefly describe any two type of grafting with suitable illustrations.
- 12 a) Describe landscaping.
OR
b) Explain various aspects of lawn making.
- 13 a) Explain the method of propagation and nursery practices of rose.
OR
b) Describe the method of preparation of bouquets with cut flower.
- 14 a) Narrate the procedure of propagation, cultivation and harvesting of papaya.
OR
b) Outline the cultivation of banana.
- 15 a) Compare the methods of training and pruning.
OR
b) Bring out the role of rooting hormones and their use in the propagation of horticultural crops.

SECTION - C (30 Marks)

Answer any THREE Questions

ALL Questions Carry EQUAL Marks (3 x 10 = 30)

- 16 Analyze the method of propagation by specialized parts.
- 17 Discuss the bonsai culture.
- 18 Elucidate the cultivation of Chrysanthemum.
- 19 Examine various methods of fruit storage you have studied.
- 20 Discuss in detail about the various types of manuring employed in horticultural crops.

Z-Z-Z

END