

**PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)**

**BSc DEGREE EXAMINATION MAY 2019
(Sixth Semester)**

Branch- **BOTANY**

HORTICULTURE & PLANTATION CROPS

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer **ALL** questions

' **ALL** questions carry **EQUAL** marks (10x2 = 20)

- 1 Define Horticulture.
- 2 Comment on vegetative propagation.
- 3 What is meant by flower farming?
- 4 Enlist the importance of floriculture.
- 5 Highlight the importance of indoor garden.
- 6 Enlist any two methods to preserve Banana fruits.
- 7 Define pruning.
- 8 Mention any two fungicides used in plantation crop management.
- 9 Give the binomials of tea and rubber.
- 10 Name the alkaloid of coffee.

SECTION - B (25 Marks)

Answer **ALL** Questions

ALL Questions Carry **EQUAL** Marks (5x5 = 25)

- 11 a Write notes on any two grafting methods you have studied.
OR
b Explain any two vegetative structures used in the propagation of horticultural plants.
- 12 a Write notes on Bonsai.
OR
b List out any five common diseases affecting the horticultural plants.
- 13 a Define Hydroponics and add a note on its significance.
OR
b Explain the role of growth regulators in horticultural plants.
- 14 a Discuss the method of training adopted in plantation crops.
OR
b Explain the methods adopted in the harvesting and processing of plantation crops.
- 15 a Discuss the scope of plantation crops in India.
OR
b Give an account of the economic importance of rubber plant.

SECTION - C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3x10 = 30)

- 16 Describe the method of air layering.
- 17 Describe the method of cultivation, harvesting and storage of Rose plant.
- 18 Draw the layout of a kitchen garden and add a note on its choices of plants and management.
- 19 Explain any two methods practiced in the elimination of pests on plantation crops.