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Time : 2 Hours

**FLORICULTURE**

Subject Code

V	3	8	5
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Total No. of Questions : 4

(Printed Pages : 2)

Maximum Marks : 50

- INSTRUCTIONS :**
- (i) All questions are compulsory.
  - (ii) Answer each question on a new page.
  - (iii) Write number of question and sub-question clearly.
  - (iv) Figures to the right indicates full marks.
  - (v) Draw diagrams wherever necessary.

1. (A) Fill in the blanks. (3)

- 1) Japanese arrangement of flowers is also known as .....
- 2) ..... is a taxonomical family of gerbera.
- 3) .....medium is commonly used for drying of flowers.

(B) Answer the following in one sentence. (3)

- 1) State the methods of pinching which are followed in carnation.
- 2) Write one use of gypsophilla plant.
- 3) Enlist methods of drying of flowers.

(C) Answer the following questions in brief. (4)

- 1) Write in short about site selection for establishment of green house.
- 2) Write in brief about mentainance of green house.

2. (A) Match the pairs. (3)

A

B

- |               |                    |
|---------------|--------------------|
| 1) Carnation  | a) Asteraceae      |
| 2) Golden rod | b) Araceae         |
| 3) Anthurium  | c) Caryophyllaceae |

(B) Answer the following questions in 1 or 2 sentences each. (3)

- 1) State the major components of climate.
- 2) Write the one use of lux meter.
- 3) Draw a neat sketch of Anthurium flower.

(C) Answer the following in 3 to 4 sentences each. (4)

- 1) Explain the groups of orchids with their distinct growth pattern.
- 2) Write the procedure for disinfection of soil for bed preparation of the gerbera crop by formalin method.

3. (A) Identify the nutrient deficiency in crops by observing the following symptoms. (3)

1. Yellowing starts on older leaves and then more gradually towards the upward side of the plants.
2. Younger leaves become black in colour.
3. Chlorosis of one half of the leaf blade and developed white spot.

(B) Answer the following questions in one sentence. (3)

- 1) What do you mean by purlin?
- 2) What is the use of foggers in green house?
- 3) What do you mean by dry decoration?

(C) Describe in brief cultivation practices of Orchids with respect to: (6)

- 1) Soil and climate
- 2) Propagation
- 3) Harvesting and post harvest management.

(D) 1) Explain green house orientation with diagram. (3)

OR

2) Explain in brief planting of gerbera with neat labelled diagram.

4. (A) State true or false. (3)

- 1) The process of loss of water in the form of water vapour from aerial portion of the living plant is called as respiration.
- 2) The ideal temperature for gerbera flower initiation is 32<sup>o</sup>c.
- 3) Radiation meter is also called as Kipp's solarometer.

(B) Answer the following in one or two sentences each. (3)

- 1) State the types of Anthurium.
- 2) What are the different low cost structures which is used to growing of flower crops
- 3) State the growing media which is used for cultivation of orchids.

(C) Answer the following questions. (6)

- 1) Write the scope and importance of floriculture in India.
- 2) What do you meant by disbudding and crop handling in carnation?
- 3) What do you mean by photoperiodism? State it's classification.

(D) 1) draw a neat labelled sketch of layout of polyhouse. (3)

OR

2) Explain in brief bed preparation for gerbera crop with neat labelled diagram. (3)





