

--	--	--	--	--

Time : 2 Hours**FLORICULTURE****Subject Code**

V	3	8	5
---	---	---	---

Total No. of Questions : 4**(Printed Pages : 4)****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) Gerbera Flower has a vase life of _____ days.

2) The _____ method of flower arrangement popularly known as Ikebana

3) _____ is the physical mechanism by which flowers are held in position in container.

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

1) What do you mean by dry decoration ?

2) Which care to be taken before planting of carnation ?

3) State one use of golden rod plant

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

1) State goals of climate control in polyhouse .

2) Write short note on green house cooling.

2. (A) State true or False (3)

1) Each plant of gerbera requires 700 ml of water per plant per day.

2) Gypsophilla can be commonly propagated by seed.

3) The cup shaped portion of the anthurium flower is called as spadix .

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

1) Write control measure of snails and sluge pest in carnation.

2) Draw neat labelled diagram of perforated clay pot used for orchid
plant.

3) What do you mean by transpiration ?

(C) Write short note on following (4)

1) soil sterilization in green house with hydrogen peroxide with silver

(H₂O₂)

2) Low cost structures of green houses .

3. (A) Match the pair. nutrients with it's deficiency symptoms found in gerbera plant (3)

- | A | B |
|-----------------|--|
| i) Potasium | a) Extreme yellowing on young leaves |
| ii) Calcium | b) Marginal necrosis on old leaves |
| iii) Phosphorus | c) Interveinal chlorosis |
| | d) Brownish discoloration along the vein |

(B) Answer the following question in one to two sentences each (3)

- 1) What do you mean by monopodials orchids ?
- 2) State types of cladding material used for green house structure.
- 3) How to irrigated the orchid plants ?

(C) Describe in brief practices of anthurium with respect to following (6)

- i) Soil and climate
- ii) Type of anthurium
- iii) Any two diseases and their control measure

(D) i) Draw a neat labelled sketch of green house classification according to the shapes and structure . (3)

OR

ii) Write short note on bed preparation for anthurium plants and draw neat labelled diagram (3)

4. (A) Name the following . (3)

- i) The meter measures the radiation with wavelegth between 300 to 3000mm
- ii) Transparent cover of a green house with freme and gutter
- iii) The equipment measure temperature and having two layer of metel attached to each other

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

- i) What do you mean by artificial lighting in polyhouse ?
- ii) Write botanical name Golden rod plant .
- iii) State control measure of Alternantra leaf spot .

(C) Write short note on following. (6)

- i) Planting of gerbera seedling.
- ii) Cultural control methods of crop protection .
- iii) Special cultural practices in carnation .

(D) i) Draw a neat labelled diagram of layout of bed preparation in gerbera. (3)

OR

ii) Draw neat labelled diagram of layout of tropical saw tooth polyhouse (3)