

# School of Agriculture

Agriculture  
ETE - Jun 2023

Time : 3 Hours

Marks : 100

## Sem IV - A1UA402B/AGRI2011

### Production Technology For Ornamental Crops Map and Landscaping

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

1. Match the following: K1 CO1 (5)
- |              |                                   |
|--------------|-----------------------------------|
| a) Tuberose  | i) <i>Dianthus caryophyllus</i>   |
| b) Rose      | ii) <i>Gladiolus grandifloras</i> |
| c) Anthurium | iii) <i>Polianthes tuberosa</i>   |
| d) Carnation | iv) <i>Anthurium andreanum</i>    |
| e) Gladiolus | v) <i>Rosa rubiginosa</i>         |
2. Explain hedge and edge. Give suitable examples of hedge and edge. K2 CO1 (5)
3. Find out the difference between cut and loose flower along with their suitable examples. K1 CO1 (5)
4. Outline the objectives of protected cultivation. K2 CO1 (10)
- 5) List the different components that make up floriculture and describe their fundamental roles in each category. K4 CO5 (10)

### OR

- Analyze the limitations of protected cultivation. K4 CO5 (10)
6. Solve the following questions: K3 CO2 (10)
- Orchids are important constituent of medicine of which country?
  - Which flower is used to extract Vanillin used for flavouring icecreams?
  - Which state is the top producer of chrysanthemum in India?
  - What is the seed rate of chrysanthemum for planting in 1 hectare of area?
  - What is the shelf life of chrysanthemum?
7. Solve the following questions: K3 CO2 (10)
- Which type of greenhouse uses Fan and pad cooling system?
  - Which part of greenhouse is used for collecting rainwater from the roof of the greenhouses?
  - Which region in India is the hot spot of orchids?
  - ICAR NRC Orchids is located in?
  - Which state is the largest producer of orchids in India?
8. Distinguish between the following: K4 CO3 (15)
- African and French Marigold
  - Scap bending and premature wilting of gerbera
- 9) Mark the following sentences as true or false: K5 CO4 (15)
- Scientific name of carnation is *Dianthus caryophyllus*
  - Calyx splitting is an important physiological disorder in rose
  - Fruit of rose is known as hip
  - Rose is propagated by means of T budding
  - Rose is the king of flowers

### OR

PTO

Mark the following sentences as true or false:

K5 CO4 (15)

- a. Largest producer of rose in the world is Argentina
- b. Rose is the most important flower for valentines day
- c. Madhosh is an important variety of marigold
- d. Pusa Basanti Gaiinda is an important variety of french marigold
- e. Seed rate of marigold is 1.5 kg for 1 hectare area

- 10.** Make use of the following headings to organize the production technology of anthurium:  
Propagation; planting; harvesting.

K3 CO2 (15)