

Semester	: III (New)	Term	: First	Academic Year	: 2022-23
Course No.	: II/FL 231	Title	: Commercial Floriculture		
Credits	: 3(2+1)				
Day & Date	: Monday, 06.02.2023	Time	: 9:00 to 12:00 hrs.	Total Marks	: 80

- Note :
1. Solve ANY EIGHT questions from SECTION 'A'.
  2. All questions from SECTION 'B' are compulsory.
  3. All questions carry equal marks.
  4. Draw neat diagram wherever necessary.

SECTION 'A'

- Q.1 Write in brief the scope and importance of commercial floriculture in India.
- Q.2 Write in short about production technology of jasmine on the given points:
- a) Soil and climate
  - b) Improved varieties
  - c) Fertilizer and irrigation
  - d) Harvesting
- Q.3 Write in brief production technology of chrysanthemum on the following points:
- a) Soil and land preparation
  - b) Propagation
  - c) Grading of flowers
  - d) Harvesting and yield
- Q.4 Explain in brief the production technology of rose on given aspects:
- a) Soil and bed preparation
  - b) Propagation
  - c) Pests and diseases
  - d) Harvesting and yield
- Q.5
- a) Write short note on marketing of flowers.
  - b) Define cut flower. Write its uses and enlist any four examples of cut flowers.
- Q.6
- a) Explain in brief soil requirement and propagation method of gladiolus.
  - b) Write three types of tuberose and enlist their commercial varieties.
- Q.7
- a) What are the reasons for post-harvest deterioration of flowers?
  - b) Write in short the importance of protected cultivation of flowers.
- Q.8
- a) Explain in brief propagation methods and enlist growing media used for anthurium cultivation.
  - b) Write the advantages of dried flowers.
- Q.9 Write in brief production technology of dahlia on the following points:
- a) Soil and climate
  - b) Propagation
  - c) Planting season and spacing
  - d) Harvesting
- Q.10
- a) Write in short about production technology of carnation on the given points:
    - (i) Soil and climate requirement
    - (ii) Special cultural practices
  - b) Explain in brief soil requirement and preparation of beds under protected cultivation of gerbera.

(P.T.O.)

SECTION 'B'

Q.11 Do as directed:

- |   |                                 |
|---|---------------------------------|
| 1) Define: Essential oil                | 2) Define: Floriculture         |
| 3) Define: Spike                        | 4) Give the family of marigold. |
| 5) Define: Pinching                     | 6) Define: Tuber                |
| 7) Give the native of bird of paradise. | 8) Define: Annual flower        |

Q.12 Choose the correct answer-option:

- 1) The major importer of cut flowers in the world is \_\_\_\_\_.  
a) Netherlands                      b) USA  
c) Germany                          d) UK
- 2) The variety(ies) of China aster developed by MPKV, Rahuri is/are \_\_\_\_\_.  
a) Phule Ganesh Pink              b) Phule Ganesh White  
c) Phule Ganesh Purple          d) All of these
- 3) The botanical name of aboli is \_\_\_\_\_.  
a) *Tagetes erecta*                      b) *Chrysanthemum merifolium*  
c) *Crossandra infundibuliformis*      d) *Polianthes tuberosa*
- 4) Gaillardia is propagated through \_\_\_\_\_.  
a) Seed                                  b) Cuttings  
c) Roots                                d) All of these
- 5) Marigold is commercially propagated through \_\_\_\_\_.  
a) Seeds                                b) Budding  
c) Tissue culture                      d) Cuttings
- 6) Lily belongs to the family \_\_\_\_\_.  
a) Asteraceae                          b) Compositae  
c) Liliaceae                            d) Caryophyllaceae
- 7) The origin of orchid is \_\_\_\_\_.  
a) Central Asia                        b) Indo-Malayan region  
c) USA                                  d) China
- 8) In USA, marigold is also known as \_\_\_\_\_.  
a) Friendship flower                b) National flower  
c) Blanket flower                      d) None of these

