

**Dr. PANJABRAO DESHMUKH KRISHI VIDYAPEETH, AKOLA**  
**SEMESTER END THEORY EXAMINATION**  
**B.Sc. (Hons.) Horticulture**

<b>Semester</b>	:	III (NEW)	<b>Term</b>	:	I	<b>Academic Year</b>	:	2021-22
<b>Course No.</b>	:	FL-231	<b>Title</b>	:	Commercial Floriculture			
<b>Credits</b>	:	(2+1)						
<b>Day &amp; Date</b>	:	<b>Friday, 22/04/2022</b>	<b>Time</b>	:	12.00 to 2.00	<b>Total Marks</b>	:	80

**Note :** 1) Solve ANY EIGHT questions from SECTION-A  
2) Solve ANY TWELVE questions from SECTION-B  
3) ALL questions from SECTION-C are compulsory

## SECTION-A

**(Write the answers in 4-5 sentences only. Each question carries 4 marks)**

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|-------|---|
| Q. 1  | Describe in short scope of commercial floriculture in India.  |
| Q. 2  | Write in short about production technology of Jasmine on given points.<br>i) Soil and climate                      ii) Propagation<br>iii) Varieties iv) Harvesting and yield                           |
| Q. 3  | Enlist factors affecting dehydration of flowers.  |
| Q. 4  | Write in short about the production of Marigold on given points.<br>i) Soil and climate              ii) Propagation and planting<br>iii) Special horticultural practices    iv) Harvesting and yield.  |
| Q. 5  | Enlist different types of protected structures and explain any one of them.   |
| Q. 6  | Write in short production technology of China Aster on following points.<br>i) Propagation and plantingii) Varieties<br>iii) Nutrient Management                  iv) Harvesting and yield.             |
| Q. 7  | Enlist methods of drying and explain any one of them.   |
| Q. 8  | Write in short production technology of Gladiolus on following points.<br>i) Propagation and planting                  ii) Nutrient management<br>iii) Varieties                  iv) Pest and Diseases |
| Q. 9  | Enlist problems/constraints of floriculture industry in India.  |
| Q. 10 | Write in short production technology of Anthurium on following points.<br>i) Soil and climate                      ii) Varieties<br>iii) Propagation iv) Planting                                       |

## SECTION-B

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|-------|--|
| Q. 11 | <b>(Write the answers in one sentence only. Each question carries 2 marks)</b> |
|       | (Answer in one sentence/Do as directed/Define etc.)                            |
|       | a) Propagation methods of chrysanthemum.                                       |
|       | b) Enlist types of carnation.  |
|       | c) Calyx splitting is a disorder of _____.                                     |
|       | d) Methods of propagation in orchids.  |
|       | e) <i>Dianthus caryophyllus</i> is the Botanical name of _____                 |
|       | f) PDKV Gold is the variety of _____   |
|       | g) Jasmine belongs to the family _____.  |

	h) _____ is the nodal organization for promotion of agriculture exports including flowers.
	i) Enlist different types of Chrysanthemum.
	j) Spike is the term related to _____.
	k) Define Pinching:
	l) Two important types of Marigold.
	m) Rose belongs to _____ family
	n) What is training?

Q. 12	SECTION-C	
(Choose the correct option. Each question carry 1 mark)		
1)..... is considered as a National flower of India		
a) Rose	b) Chrysanthemum	
c) Tuberose	d) Lotus	
2) Tuberose is originated from_____		
a) Mexico	b) South Africa	
c) China	d) India	
3) Debonair is the cultivar of_____		
a) Chrysanthemum	b) Tuberose	
c) Jasmine	d) Gladiolus	
4) Tuberose is propagated by_____		
a) Seed	b) Corm	
c) Bulb	d) Rhizome	
5) <i>Sterelitzia reginae</i> is a botanical name of .....		
a) Bird of paradise	b) Gladiolus	
c) Tuberose	d) Aster	
6) Which is largest family amongst flowering plants		
a) Asteraceae	b) Orchidaceae	
c) Araceae	d) Caryophyllaceae	
7) Varsity of China Aster .....		
a) Phule Ganesh White	b) PDKV Gold	
c) Debonior	d) Arka Tilak	
8) The fruit of rose is known as		
a) Hip	b) Nut	
c) Drupe	d) Hesperidium	
9) Arka Surbhi is the variety of which crop?		
a) Chrysanthemum	b) Carnation	
c) Jasmine	d) Tuberose	

10) Dried rose petals are also as .....	
a) Gulkand	b) Pankhuri
c) Gulroghan	d) Rose water
11) Blanket flower is a .....	
a) Gaillardia	b) Tuberose
c) Rose	d) Carnation
12) ..... is a Queen of Winter.	
a) Tuberose	b) Rose
c) Carnation	d) Chrysanthemum
13) Marigold is commercially propagated by .....	
a) Budding	b) Grafting
c) Seeds	d) Bulb
14) ..... is commonly known as African daisy.	
a) Gerbera	b) Aster
c) Chrysanthemum	d) None of these.
15) PDKV Roshni is the variety of .....	
a) Tuberose	b) Gaillardia
c) Chrysanthemum	d) Gladiolus
16) Jasmine belongs to family .....	
a) Iridaceae	b) Asteraceae
c) Oleaceae	d) Araceae
17) Canna is commercially propagated by .....	
a) Bulbs	b) Corm
c) Rhizomes	d) Suckers
18) Rajat Rekha is the variety of .....	
a) Aster	b) Gaillardia
c) Tuberose	d) Marigold
19) Dahlia is propagated by	
a) Roots	b) Tuberous roots
c) Bulbs	d) Tubers
20) Jasmine is commercially propagated by .....	
a) Seed	b) T budding
c) Suckers	d) Cuttings
21) National Research Centre for Orchid is situated at	
a) Sikkim	b) Kolkata
c) Bangalore	d) New Delhi

22) Chrysanthemum is a .....day plant.	
a) Short	b) Long
c) Day neutral	d) None of these
23) Gerbera belongs to family .....	
a) Asteraceae	b) Liliaceae
c) Araceae	d) Malvaceae
24) Which of the following is not used as a cut flower	
a) Crossandra	b) Gladiolus
c) Rose	d) Anthurium

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