



GIET UNIVERSITY, GUNUPUR – 765022
B. Sc. (Ag.) (Fifth Semester) Examinations, January – 2023
HORT-314 - Production Technology for Ornamental, MAP & Landscaping

Time: 2 hrs

Maximum : 50 Marks

The figures in the right hand margin indicate marks.

PART – A

Q.1. Fill in the blanks with suitable word / figure.

(0.5 x 10 = 5 Marks)

- a. Lemon grass is generally propagated by.....
- b. Bent neck is a physiological disorder observed in.....
- c. The aromatic grass used in preparation of mosquito repellents.....
- d. Scientific name of Arabian jasmine.....
- e. Keeping the flowers in water immediately after harvesting is called as.....
- f. Harvesting indices for Gladiolus.....
- g. Trisha and tripta are the varieties of.....
- h. Chrysanthemum species used as repellent.....
- i. Flower bent disorder in gerbera is due to deficiency of.....
- j. Calyx splitting observed in.....flower crop

Q. 2. Define (or) Explain the following in one or two sentences.

1 x 5 = 5 Marks)

- a. Carminative drugs
- b. Landscaping
- c. Bud capping in rose
- d. Pruning in rose
- e. Pulsing solution

Q3. Match the following

(0.5 x 10 = 5 Marks)

Column – A		Column – B	
(a)	Marigold origin	(i)	Jealously
(b)	Gulkhand	(ii)	Dried rose petals
(c)	African marigold	(iii)	India
(d)	Ajmalicine	(iv)	Roots
(e)	Pankhuri	(v)	Husk
(f)	French marigold	(vi)	2.5kg/ha
(g)	Lemongrass origin	(vii)	Alkaloid
(h)	Perwinkle	(viii)	1;1 petal, sugar
(i)	Vetiver	(ix)	Mexico
(j)	Isabgol	(x)	Vulgur minds

Q4. Write True or False against each statement

(0.5 x 10 = 5 Marks)

- a. Propagation of lilium through cuttings
- b. Aromatic and medicinal plant research station located at bengaluru
- c. Pulsing operation is practiced by growers, wholesalers and retailers to extend vase life of flowers
- d. Pinching gives the lateral branches and yield in marigold
- e. IIHR located in Delhi
- f. Netting is followed in chrysanthemum
- g. Terrestrial orchids grown in soil
- h. Compound responsible for nematode control in marigold is vincristine
- i. Orchids belongs to family orchidaceae
- j. Scientific name of West Indian lemon grass *Cymbidium aromaticum*

PART – B

Attempt ANY FIVE questions. All question carries equal marks

(6 x 5 = 30 Marks)

- 5. Discuss about containers used and planting of orchids in pot culture?
- 6. Write about physiological disorders of gerbera?
- 7. Write down about harvesting and factors influencing the oil yield in lemon grass?
- 8. Write the package of practices followed in marigold cultivation?
- 9. Describe the classification of rose with examples?
- 10. Write the procedure to be follower in Processing of isabgol?

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