

Total No. of Printed Pages—4

**HS/XII/A.Sc.Com/Ag/24**

**2 0 2 4**

**AGRICULTURE**

**( Open Cultivation )**

**( Theory )**

*Full Marks : 30*

*Time : 1 hour*

*The figures in the margin indicate full marks for the questions*

**SECTION—A**

**( Objective )**

Choose and write the correct answer (Question Nos. **1** to **8**) :

1×8=8

**1.** In which solution, flowers are held for a long duration?

- (a) Conditioning
- (b) Bud opening
- (c) Pulsing
- (d) Vase solution

**2.** \_\_\_\_\_ is an art of giving shape of an object to a plant.

- (a) Girdling
- (b) Pruning
- (c) Topiary
- (d) Goottee

( 2 )

3. *Crossandra* belongs to \_\_\_\_\_ family.

- (a) Asteraceae
- (b) Rosaceae
- (c) Acanthaceae
- (d) Iridaceae

4. Optimum temperature required for marigold cultivation is

- (a) 6 °C–14 °C
- (b) 15 °C–28 °C
- (c) 30 °C–42 °C
- (d) All of the above

5. Red or standard 'B' grade carnation flowers have \_\_\_\_\_ stem length.

- (a) 30 cm–40 cm
- (b) 40 cm–50 cm
- (c) 50 cm–60 cm
- (d) 60 cm–70 cm

6. Identify the subject in the sentence :

“The children played football.”

- (a) The children
- (b) children played
- (c) played
- (d) football

( 3 )

7. Which of the following can be a barrier to active listening?

- (a) Noisy environment
- (b) Not maintaining an eye contact
- (c) Not being attentive
- (d) All of the above

8. Long flower spike tuberose are mostly used as

- (a) cut flower
- (b) table decoration
- (c) bouquet preparation
- (d) All of the above

SECTION—B

Answer any *four* of the following very short-type questions

(Question Nos. 9 to 14) :

1×4=4

- 9. What is de-suckering in *Chrysanthemum*?
- 10. Give the scientific and family name of tuberose.
- 11. What are herbaceous border plants?
- 12. Write a note on dry flowers.
- 13. What is self-awareness?
- 14. Name any five flowering trees that are planted as avenue trees.

( 4 )

SECTION—C

Answer any *three* short-type questions (Question Nos. **15** to **18**) :

2×3=6

- 15.** Describe the method for propagation of Jasmine.
- 16.** Describe the propagation of *Crossandra* by layering.
- 17.** What is the purpose of precooling the harvested flowers?  
Describe the method of precooling.
- 18.** What are foliage plants and palm plant?

SECTION—D

Answer any *three* descriptive-type questions (Question Nos. **19** to **23**) :

4×3=12

- 19.** Explain the process of making Bonsai plants.
- 20.** Explain the classification of shrubs according to uses.
- 21.** Explain the classification of annuals based on season and write their importances.
- 22.** Explain the various methods of propagation of rose.
- 23.** How would you dispose a pesticide?

★ ★ ★