

D 130837

(Pages : 2)

Name.....

Reg. No.....

FIFTH SEMESTER B.VOC. DEGREE EXAMINATION, NOVEMBER 2025

Organic Farming

SDC 5AG 25—COMMERCIAL VEGETABLE PRODUCTION

(2021 Admissions)

Time : Two Hours and a Half

Maximum : 80 Marks

Section A*Each question carries 2 marks.**(Ceiling 25)*

1. Give an example each for :
 - a) Long day plants ;
 - b) Short day plants ;
 - c) Day neutral plants ; and
 - d) Sun plant.
2. Write about nutrient application in Amaranthus.
3. Define :
 - a) Hydroponics ; and
 - b) Aeroponics.
4. Advantages of hydroponics in vegetable production.
5. Define Photoperiodism.
6. Describe Nursery.
7. Write about seed treatments for vegetable nursery management.
8. Define Average Nutritive Value.
9. Describe the methods for application of PGR.
10. Briefly describe the summer vegetable cultivation in Kerala.
11. Cool season vegetables *v/s* warm season vegetables.

Turn over

12. Write down the classification of vegetables based on lime requirement with example.
13. Annuals *v/s* Biennials *v/s* Perennials.
14. PGR and induction of parthenocarpy in vegetables.
15. Intercultural operations in bitter gourd.

Section B

Each question carries 5 marks.

(Ceiling 35)

16. Briefly explain :
 - a) Advantage of using protrays in vegetable nurseries.
 - b) Raising and management of protrays in vegetable nurseries.
17. Briefly explain the effect of moisture and soil on vegetable production.
18. Briefly explain the production technology of ivy gourd.
19. Briefly explain the production technology of garlic.
20. Briefly explain the production technology of melons.
21. Briefly explain nutritional value of vegetables.
22. Briefly explain the production technology of drumstick.
23. Briefly explain the classification of vegetables based on the cultural requirements.

Section C

Answer any two questions.

Each question carries 10 marks.

24. Write an essay on type of vegetable farming / gardens.
25. Write an essay on importance and scope of vegetable crops.
26. Describe the role of plant growth regulators in vegetable crops.
27. Describe :
 - a) Riverbed/Diara system of cultivation ;
 - b) Market Garden *v/s* truck garden ;
 - c) Vegetable Garden for processing *v/s* vegetable garden for seed production ; and
 - d) Garden for vegetable forcing.

(2 × 10 = 20 marks)