

Roll No.

Total No. of Pages : 02

Total No. of Questions : 18

B.Voc. (Agriculture) (Sem.-5)

FORCING TECHNIQUES IN VEGETABLE PRODUCTION

Subject Code : BVAG-504-18

M.Code : 78411

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

Write short notes on :

- 1) Protected cultivation
- 2) Hydroponics
- 3) Water soluble fertilizer
- 4) Green house effect
- 5) Pruning and training of sweet pepper
- 6) Soil less media
- 7) Pro-tray
- 8) Pathenocarpic cucumber
- 9) Blossom end rot in tomato
- 10) Soil solarization

SECTION-B

- 11) What is low tunnel technology? How is it beneficial to plants?
- 12) Discuss the role of light on the growth of vegetables in protected cultivation.
- 13) Write short note on cladding materials for protected structures.
- 14) How the protected structures can be useful for raising the nursery of vegetable crops?
- 15) Write a brief note on the nematode management in protected cultivation.

SECTION-C

- 16) Write down in brief about the different protected structures used in cultivation of vegetable crops along with merits and demerits.
- 17) Discuss the cultivation of capsicum in green house taking into account seed rate, sowing time, method of sowing and transplanting, cultivars, fertilizers requirement, harvesting, diseases and insect-pests management.
- 18) Define mulching. Discuss the various types of mulches and their role in vegetables cultivation.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.