

**Roll No.**

**Total No. of Pages : 02**

**Total No. of Questions : 18**

**B.Sc. Honours (Agriculture) (Sem.-3)**

## PRODUCTION TECHNOLOGY FOR VEGETABLES AND SPICES

**Subject Code : BSAG-306-19**

**M.Code : 78661**

**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) Antioxidants
- 2) Root forking
- 3) Indeterminate tomato
- 4) Selective herbicide
- 5) Earthing up
- 6) Blanching in cauliflower
- 7) Dioecious
- 8) Hardy vegetables
- 9) Vegetable forcing
- 10) Biennial vegetables

### SECTION-B

- 11) Discuss nutrients and irrigation management in carrot and sweet potato.
- 12) Write a short note on 'River bed cultivation'.
- 13) Write a short note on "A year round cultivation of radish".
- 14) Discuss the causes and remedies of any two physiological disorders in potato.
- 15) What are the criteria for harvesting of onion and garlic?

### SECTION-C

- 16) Write down botanical name, family, common varieties, seed rate and time of sowing/transplanting in Punjab of following vegetables :
  - a) Chilli
  - b) Cow pea
  - c) Cucumber
  - d) Carrot
  - e) Cabbage
- 17) Discuss the cultivation of pea or radish under Punjab conditions with reference of choice of variety, climate, crop raising methods, nutrients and irrigation management and harvesting.
- 18) Discuss the importance and scope of vegetable and spice cultivation in improving the health of Indian population and diversifying in agriculture.

**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.**