

**Total No. of Pages :02**

**Total No. of Questions : 09**

**B.Sc.(Agriculture) (2014 & Onwards) (Sem.-2)**

# VEGETABLE PRODUCTION TECHNOLOGY

**Subject Code :BSAG-204**

**Paper ID : [72359]**

**Time : 3 Hrs.**

**Max. Marks : 60**

**INSTRUCTION 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

**Q1. Write short notes on :-**

- a) Vegetable forcing
- b) Climacteric fruit
- c) Temperate radish
- d) Pre emergence herbicide
- e) Dormancy in Potato
- f) Blanching in cauliflower
- g) Leaf curl virus in tomato
- h) Hydroponics
- i) Dioecious
- j) Greening in potato

### SECTION-B

- Q2. Write a note on '*Seed plot technique in potato*'.
- Q3. Differentiate between '*Determinate and indeterminate tomato*'.
- Q4. Write two important diseases and insects of chili along with symptoms and their control.
- Q5. Discuss the method of sowing and fertilizers application for onion.
- Q6. What are the criteria for harvesting pea and watermelon?

### SECTION-C

- Q7. Write down the botanical name, family, common varieties, time of sowing/transplanting in Punjab of following vegetable crops.
- a) Muskmelon      b) Carrot      c) Lettuce      e) Cow pea      f) Brinjal
- Q8. Discuss the role of manures and chemical fertilizers in vegetable production.
- Q9. Discuss the importance and scope of vegetable cultivation in improving the health and economy of Indian farmers.