



Registration No: .....  
Total Number of Pages : 2 AR-2017 B.Sc (Ag)

**3<sup>rd</sup> SEMESTER REGULAR EXAMINATIONS, SEPT/OCT 2019-20**  
**HT-232**

**PRODUCTION TECHNOLOGY FOR VEGETABLE AND SPICES**

Time : 2 Hours

Maximum : 50 Marks

(Answer **all** questions of Section – A)

**SECTION – A**

1. Fill up the blanks with suitable and meaningful words.

**10×0.5 = 5**

- a. The bright red carotene found in tomato \_\_\_\_\_.
- b. Kufirilalima is a prominent variety of \_\_\_\_\_.
- c. Chilli known for strong burning & tangy sensation when taken because of \_\_\_\_\_ content.
- d. Daily requirement of leafy vegetables in human diet as per ICMR is \_\_\_\_\_.
- e. G.H. Mendel worked out Mendel Laws and Genetic Principles on \_\_\_\_\_ vegetable.
- f. Pumpkin originated from the word \_\_\_\_\_.
- g. India ranks \_\_\_\_\_ position in vegetable production in world.
- h. Central Potato Research Institute located at \_\_\_\_\_.
- i. Curing is practiced in \_\_\_\_\_.
- j. Chilli originated from \_\_\_\_\_.

2. Define or explain the following in one or two sentence.

**1 x 5 = 5**

- a) TPS b) Force gardening c) Precooling d) Mulching e) Hardening

3. Write True (T) or False (F).

**10 × 0.5 = 5**

- i. Indeterminate and determinate type plants found in tomato.
- ii. Pea belongs to the family *cucurbitaceae*.
- iii. Botanically brinjal fruit is a berry.
- iv. Potato is also known as eggplant.
- v. Production of vegetable under poly house condition known as Truck gardening.
- vi. Capsicum is consumed as spices and chilli as vegetables.
- vii. Cabbage is a direct sown crop.
- viii. India is the largest producer of Okra in the world .
- ix. Carrot is believed to be originated in Europe.
- x. Turmeric is propagated from rhizomes.



4. Match the followings.

10 × 0.5 = 5

A.	Indian safron	1. Garlic
B.	Pepon	2. Radish
C.	Kufrijyoti	3. Spine guard
D.	<i>Abelmoschuseculentus</i>	4. French bean
E.	Lufaacutangula	5. Pea
F.	Pods	6. Ridge guard
G.	<i>Phaseolus vulgaris</i>	7. Okra
H.	<i>Momordicadioica</i>	8. Potato
I.	<i>Brassicaceae</i>	9. Pumpkin
J.	Curing	10. Turmeric

**SECTION – B**

(Attempt any **five** questions. Each question carries equal marks)

**5x6=30**

5. Importance of vegetables & spices in human nutrition and national economy.
6. Describe in brief production technology of *Solanaceous* vegetables.
7. Describe in brief production technology of Cole crops.
8. Describe in brief production technology of Spice crops.
9. a. Nursery raising of vegetables.  
b. True Potato Seed.
10. a. Types of vegetable gardening.  
b. Economic importance of turmeric.

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