

**Roll No.**

**Total No. of Pages : 02**

**Total No. of Questions : 09**

**B.Sc. Hons. (Agriculture) (Sem.-4)**

## PRODUCTION TECHNOLOGY FOR FRUIT AND PLANTATION CROPS

**Subject Code : BSAG-405-19**

**M.Code : 79744**

**Date of Examination : 22-12-2022**

**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.**

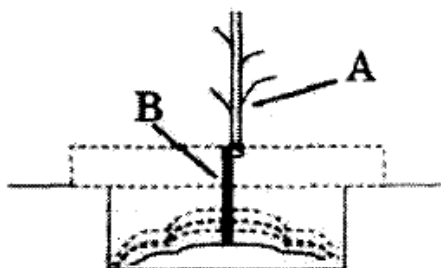
## SECTION-A

**1. Write briefly :**

- Why do the farmers now prefer to cultivate spur bearing varieties in apples?
- Suggest appropriate time of application of organic and inorganic manures to mango and guava growers.
- Discuss the rootstocks of citrus suitable for South-western districts of Punjab.
- Tamr stage in date.
- Enlist varieties of strawberry.
- Importance and removal of spathe in banana.
- Differentiate pollination, pollinizers and pollinators.
- What time will you opt for the harvesting of fruits? Justify your answer.
- Vegetative propagation of pineapple.
- Differentiate 'Kinnow' and 'PAU Kinnow 1'

## SECTION B

2. When and why, will you thin the grape berries?
3. Discuss causes, symptoms and management strategies for mango malformation.
4. *Plantation crops are mainly grown for the export market.* Justify?
5. How can the farmers manage fruit fly infestation in fruit crops during summer season? Suggest non- chemical approaches to manage this infestation.
6. What are A and B in the picture, Enlist some varieties of A suitable for different varieties of B in citrus.



## SECTION C

7. What is maturity and maturity indices? Describe maturity indices for Mango, Citrus, Pear, Sapota and Ber.
8. What is fruit drop? Classify its types and discuss fruit drop management strategies in citrus.
9. *‘The performance of peach trees is dependent upon annual pruning’* comment and justify your answer.

**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.**