



**. KERALA AGRICULTURAL UNIVERSITY**  
**B.Sc.(Hons.) Ag. 2016 Admission**  
**V Semester Final Examination-February-2019**

**Hort.3106 Post-Harvest Management and value addition of horticultural crops (2+1)**

**Marks: 50**  
**Time: 2 hours**

**I Fill in the blanks (10x1=10)**

- 1 .....is known as ripening hormone.
- 2 Vacuum cooling is suitable for .....
- 3 The term climacteric is first used by .....
- 4 Sauerkraut is a fermented pickle of .....
- 5 Temperature of cellar storage is .....

**Match the following**

- | A                    | B                           |
|----------------------|-----------------------------|
| 6 Hypobaric storage  | a SO <sub>2</sub> generator |
| 7 Moisture absorbent | b Feni                      |
| 8 Grape guard        | c Cider                     |
| 9 Apple              | d Silica gel                |
| 10 Cashew apple      | e Low pressure              |

**II Write Short notes on ANY FIVE of the following (5x2=10)**

- 1 Define curing and write about curing of potato
- 2 Different types of kalipak
- 3 Ventilated vehicles
- 4 Lactic acid fermentation
- 5 Aseptic canning
- 6 Clamp storage
- 7 Processing of turmeric

**III Answer ANY FIVE of the following (5x4=20)**

- 1 Importance of post-harvest technology of fruits and vegetables.
- 2 Vacuum cooling
- 3 Canning technique
- 4 Processing of tea
- 5 Irradiation
- 6 Modified atmosphere storage
- 7 Consumer packaging

**IV Write an essay on ANY ONE of the following (1x10=10)**

- 1 Different dehydration methods.
- 2 Pre harvest factors affecting quality of produce.

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