

Seat No: _____

Enrollment No: _____

**PARUL UNIVERSITY
COLLEGE OF AGRICULTURE**

B.Sc. (Hons.) Agriculture Winter 2018-19 Examination

Semester: 5

Date: 25/10/2018

Subject Code: 20108301

Time: 02:00pm to 04:30pm

**Subject Name: Post harvest management and value
addition of fruits and vegetables**

Total Marks: 60

Instructions

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1 Do as Directed.

A. Fill in the blanks. (Each of 1.00 marks)

(10)

1. Fruits / vegetables with a thin transparent coating of sugar, which imparts them a glossy appearance is known as _____.
2. _____ packaging is also called as Smart packaging.
3. 2,4-D stands for _____.
4. Removal of micro-organisms is known as _____.
5. BHT stands for _____.
6. _____ % concentration of salt is used for the preparation such as pickles.
7. Citrus is a _____ type of fruit.
8. _____ is widely using chemical to hasten the ripening.
9. _____ is partial destruction of microorganism.
10. The process of sealing food stuffs hermetically in containers and sterilizing them by heat for long storage is known as _____.

B. Multiple choice type questions. (Each of 1.00 mark)

(10)

1. In which type of storage fruit and vegetables can be stored under less than atmospheric pressure ?
 - a) Controlled atmosphere storage
 - b) Improved/ modern storages
 - c) Hypobaric storage
 - d) Low cost storage
2. A mature fruit / vegetable or its pieces impregnated with heavy sugar syrup till it becomes tender and transparent is known as.....
 - a) Marmalade
 - b) Candied fruit
 - c) Cordial
 - d) Preserve
3. Benzoic acid comes under which class of preservative ?
 - a) Class I preservatives
 - b) Class II preservatives
 - c) Class III preservatives
 - d) Class IV preservatives
4. Fruits and vegetables are in nature.
 - a) Highly perishable
 - b) Perishable
 - c) Non perishable
 - d) Both a and b
5. TSS of jelly should be%
 - a) 70 %
 - b) 68 %
 - c) 65 %
 - d) 55 %
6.are unicellular microorganisms that are classed as plants though they do not contain chlorophyll.
 - a) Bacteria
 - b) Fungi
 - c) Algae
 - d) None

