

**PARUL UNIVERSITY**  
**COLLEGE OF AGRICULTURE**

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

Semester: 3

Date: 29/10/2018

Subject Code: 20108201

Time: 10:30am to 1:00pm

Subject Name: Production Technology of Vegetables and Flowers

Total Marks: 50

**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 0.50 marks)**

(5)

1. The pungency in pepper is due to the \_\_\_\_\_
2. Premature seedling in cabbage is also known as \_\_\_\_\_
3. Garlic contains amino acid \_\_\_\_\_ which is colourless and odourless.
4. Spacing of Bottle gourd is \_\_\_\_\_
5. The edible portion of cauliflower is known as \_\_\_\_\_
6. A \_\_\_\_\_ garden produces vegetables for the local market.
7. Whole plant of okra soaked in water and the resulting solution is used as a clarifies in the manufacture of \_\_\_\_\_
8. Botanically cucumber is known as \_\_\_\_\_
9. Spraying of \_\_\_\_\_ induces male flowers in cucurbits.
10. Premature seedling is physiological disorder of \_\_\_\_\_

**B. Multiple choice type questions. (Each of 0.50 mark)**

(10)

1. Hip is rich in vitamin \_\_\_\_\_
 

a) A	c) B
b) C	d) D
2. Potato propagated by \_\_\_\_\_
 

a) Bulb	c) Tuber
b) Wine cutting	d) Rhizomes
3. Seed rate of Ridge Gourd is \_\_\_\_\_ kg/ha.
 

a) 1	c) 1.5
b) 2	d) 2.5
4. Planting distance of rose in protected structure is \_\_\_\_\_
 

a) 45 cm X 45 cm	c) 30 cm X 30 cm
b) 30 cm X 45 cm	d) 60 cm X 45 cm
5. Blossom end rot is physiological disorder \_\_\_\_\_
 

a) Cucumber	c) Cabbage
b) Bottle Gourd	d) Tomato
6. Yield of Tomato is \_\_\_\_\_ t/ha.
 

a) 20 to 30	c) 30 to 40
b) 40 to 50	d) 50 to 60
7. Orange coloured in carrot due to \_\_\_\_\_
 

a) Anthocyanin	c) Lycopene
b) Carotene	d) Quercetin
8. Spraying of \_\_\_\_\_ can suppress the number of male flowers and increases the number of female flowers, fruit set & ultimate yield.
 

a) NAA	c) Boron
b) Molybdenum	d) All of above
9. In Bitter gourd high momordicin content in \_\_\_\_\_ variety.
 

a) CO.1	c) COBgoH.1
b) MDU 1	d) None of above



6. Planting methods of cucurbits.

**Q.4 Differentiate the following. (Any three)**

**(15)**

1. Indian type and European type cauliflower
2. Radish and Carrot
3. Indeterminate and Determinate plant of tomato
4. Asiatic variety and European variety of carrot