

PARUL UNIVERSITY
COLLEGE OF AGRICULTURE

B.Sc.(Hons.) Agriculture, Summer 2017 - 18 Examination

Semester: 3

Date: 08/06/2018

Subject Code: 20108201

Time: 2:00 pm to 4:30 pm

Subject Name: Production Technology of Vegetables and Flowers

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. Garlic contains amino acid _____ which is colourless and odourless.
2. The edible portion of cauliflower is known as _____.
3. Botanically cucumber is known as _____.
4. Botanically cabbage is known as _____.
5. Commercially marigold propagated by _____.
6. Central Tuber Crops Research Institute at _____.
7. Central Potato Research Institute (CPRI) located at _____.
8. Red coloured in carrot due to _____.
9. Botanically rose is known as _____.
10. Brinjal is also known as _____.

B. Multiple choice type questions. (Each of 1.00 mark)**(10)**

1. Potato propagated by _____

a) Bulb	c) Tuber
b) Wine cutting	d) Rhizomes
2. Blossom end rot is physiological disorder _____

a) Cucumber	c) Cabbage
b) Bottle Gourd	d) Tomato
3. Orange coloured in carrot due to _____

a) Anthocyanin	c) Lycopene
b) Carotene	d) Quercetin
4. 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
5. Removal of growing point of shoot is known as _____

a) Pruning	c) Training
b) Disbudding	d) Pinching
6. Pruning done in month _____ in rose.

a) October –November	c) November- December
b) September- October	d) December- January
7. Yam propagated by _____

a) Bulb	c) Tuber
b) Wine cutting	d) Rhizomes
8. The average intake of vegetables of the country is about _____ g/head/day.

a) 300	c) 280
b) 250	d) 230
9. GG-2 and GG-3 are variety of garlic released by _____

a) Anand	c) Junagadh
b) Navsari	d) Dantiwada

10. Pungency in radish due to _____

- a) Diallyl disulphide
- b) Isothiocyanates
- c) Allyl propyl disulphide
- d) Anthocyanin

Q.2 Do as Directed.

A. Define the following. (Any five)

(05)

1. Vegetable
2. Curing
3. Staking
4. Bulb
5. Herb
6. Pinching
7. Curd

B. Answer the following. (Any Five)

(05)

1. Types of brinjal flowers according to length of the style
2. Special characters of onion cultivar for dehydration.
3. Characteristics of Gujarat cucumber -1
4. Importance and uses of rose.
5. Reasons for rubbering and premature sprouting in garlic.
6. Planting methods of Garlic
7. Characteristics of Punjab padmini variety

Q.3 Write short notes. (Any five)

(15)

1. Kitchen garden.
2. Earthing up in potato.
3. Importance of vegetables.
4. Staking in tomato.
5. Physiological disorder of cauliflower.
6. Planting methods of cucurbits.

Q.4 Attempt any Three/Long Questions/Example

(15)

1. Package of practices of tomato.
2. Explain physiological disorder of cabbage and cauliflower.
3. Classification of rose variety and explain important cultural practices.
4. Types and classification of vegetables.