

PARUL UNIVERSITY
COLLEGE OF AGRICULTURE

B.Sc. (Hons.) Agriculture, Summer 2018 – 19 Examination

Semester: 3

Date: 24/04 /2019

Subject Code: 20108201

Time: 10:30am to 1:00pm

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 1.0 marks)****(10)**

1. Central Potato Research Institute (CPRI) located at _____
2. Pungency in radish due to _____
3. Central Tuber Crops Research Institute at _____
4. Commercially marigold propagated by _____
5. Botanically cabbage is known as _____
6. Brinjal is also known as _____
7. Botanically rose is known as _____
8. Sweet potato propagated by _____
9. The pungency in pepper is due to the _____
10. Red coloured in carrot due to _____

B. Multiple choice type questions. (Each of 1.0 mark)**(10)**

1. Hip is rich in vitamin _____.

a) A	c) B
b) C	d) B
2. Pungency in radish due to _____.

a) Diallyl disulphide	c) Allyl propyl disulphide
b) Isothiocyanates	d) Anthocyanin
3. Yam tuber contains _____ starch.

a) 18.1 %	c) 18.2 %
b) 18.3 %	d) 18.4 %
4. Seed rate of carrot is _____ kg/ha.

a) 2-4	c) 6-8
b) 4-6	d) 8-10
5. The edible portion of cabbage is made up of numerous thick overlapping smooth leaves covering a terminal bud, known as _____.

a) Curd	c) Head
b) Bulb	d) None
6. GG-2 and GG-3 are variety of garlic released by _____.

a) Anand	c) Junagadh
b) Navsari	d) Dantiwada
7. The average intake of vegetables of the country is about _____ g/head/day.

a) 300	c) 280
b) 250	d) 230
8. Yam propagated by _____.

a) Bulb	c) Tuber
b) Vine cutting	d) Rhizome
9. Pusa Chotti Chaula and Pusa Badi Chaula are varieties of _____.

a) Curry leaf	c) Amaranthus
b) Drumstick	d) None
10. Pruning done in month _____ in rose.

a) October –November	c) November- December
b) September- October	d) December- January

Q.2 Do as Directed.

A. Define the following. (Any five)

(05)

1. Disbudding:
2. Pruning:
3. Vegetable:
4. Dehydratation:
5. Head:
6. Shrub:
7. Curing:

B. Answer the following. (Any five)

(05)

1. Importance and uses of rose.
2. Characteristics of Punjab padmini variety of okra.
3. Varieties of brinjal evolved at IIHR, Bangalore.
4. Characteristics of Gujarat cucumber -1.
5. Classification of vegetable crops and explain any one with example.
6. Types of brinjal flowers according to length of the style.
7. Special cultural practices in rose.

Q.3 Write short notes. (Any five)

(15)

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

Q.4 Attempt any three.

(15)

1. Asiatic variety and European variety of carrot
2. Greater yam and Lesser yam
3. African marigold and French marigold
4. Indeterminate and Determinate plant of tomato
5. Radish and Carrot
6. Indian type and European type cauliflower