Seat No:_____

PARUL UNIVERSITY COLLEGE OF AGRICULTURE

Enrollment No:_____

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

	ure winter 2018-19 Examina	
Semester: 3 Subject Code: 20108201		Date: 29/10/2018 Time: 10:30am to 1:00pm
Subject Code: 20100201 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		(5
2. Premature seedling in cabbage is also	known as	
• •		
3. Garlic contains amino acid		odouriess.
4. Spacing of Bottle gourd is		
5. The edible portion of cauliflower is k		
6. A garden produces v		
7. Whole plant of okra soaked in water a		used as a clarifies in
the manufacture of		
8. Botanically cucumber is known as		
9. Spraying of indu		
10. Premature seedling is physiological		
B. Multiple choice type questions. (Each of 0.5	50 mark)	(1
1. Hip is rich in vitamin) D	
a) A	c) B	
b) C 2. Poteto propagatad by	d) D	
2. Potato propagated bya) Bulb	c) Tuber	
b) Wine cutting	d) Rhizomes	
3. Seed rate of Ridge Gourd is kg	,	
a) 1	c) 1.5	
b) 2	d) 2.5	
4. Planting distance of rose in protected s	structure is	
	c) 30 cm X 30 cm	
b) 30 cm X 45 cm	d) 60 cm X 45 cm	
5. Blossom end rot is physiological disord	der	
a) Cucumber	c) Cabbage	
b) Bottle Gourd	d) Tomato	
6. Yield of Tomato ist/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		vers and increases the
number of female flowers, fruit set & u	•	
a) NAA	c) Boron	
b) Molybdenum	d) All of above	
9. In Bitter gourd high momordicin conte		ty.
a) CO.1	c) COBgoH.1	
b) MDU 1	d) None of above	

10. Pusa Barsati is variety of	
a) Cow pea	c) Cluster bean
b) Pea	d) French bean
11. Removal of growing point of shoot is kn	
a) Pruning	c) Training
b) Disbudding	d) Pinching
12 Pruning done in month	
a) October –November	c) November- December
b) September- October	
13 Pusa Chotti Chaula and Pusa Badi Chaul	
a) Curry leaf	c) Amaranthus
b) Drumstick	d) None of above
14 Yam propagated by	d) None of above
a) Bulb	c) Tuber
b) Wine cutting	d) Rhizomes
15. The average intake of vegetables of the	,
a) 300	c) 280
b) 250	d) 230
16 GG-2 and GG-3 are variety of garlic relea	
a) Anand	•
b) Navsari	c) Junagadh d) Dantiwada
,	•
	o of numerous thick overlapping smooth leaves
covering a terminal bud, known as	
a) Curd	c) Head d) None of shows
b) Bulb 18 Seed rate of carrot is kg/ha.	d) None of above
a) 2-4	c) 6-8
b) 4-6	d) 8-10
19 Yam tuber contains starch	u) 8-10
a) 18.1 %	c) 18.2 %
,	
b) 18.3 %	d) 18.4 %
20 Pungency in radish due to	
a) Diallyl disulphide	c) Allyl propyl disulphide
b) Isothiocyanates	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. Varieties of brinjal evolved at IIHR, Ban	galore
2. Types of brinjal flowers according to len	gth of the style
3. Special characters of onion cultivar for d	lehydration.
4. Characteristics of Gujarat cucumber -1	
5. Explain bed preparation with figure.	
6. Importance and uses of rose.	
7. Reasons for rubbering and premature spi	outing in garlic.
Q.3 Write short notes. (Any five)	(10)
1. Kitchen garden	()
2. Earthing up in potato	
3. Importance of vegetables	
4. Staking in tomato	
5. Physiological disorder of cauliflower	
J. I hystological disolder of caulifiower	Page 2 of 3
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6. Planting methods of cucurbits.

Q.4 Differentiate the following. (Any three)

- 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