PARUL UNIVERSITY COLLEGE OF AGRICULTURE

COLLEGE OF AGRICULTURE B.Sc. (Hons.) Agriculture Examination Summer 2021-22				
Semester:3 rd		Date: 25-03-2022		
Subject Code: 20108202 Subject Nemes Deschartion Technology for Verstehl	an and Cuian	Time: 2:00pm To 4:30 pm		
Subject Name: Production Technology for Vegetabl	es and Spices	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.				
0.1 Do og Dimotod				
Q.1 Do as Directed.		(05)		
A. Fill in the blanks. (Each of 0.5 mark)		(05)		
1. Golden acre is a variety of				
2. Cardamom hills are located in				
3. The queen of spices is				
4. BM is stands for				
5. Garlic is propagated by				
6. The king of spices is				
7. In our diet staple vegetable is				
8. Botanical name of coriander is				
9. Edible part of Agathi is				
10. Arka Pitambar and Arka Kirtiman are hybr	rids of			
B. Multiple choice type questions. (Each of 0.5 n		(10)		
1. Branch of science that deals with study of pr	inciples of propagation and	production of vegetables		
is called				
a) Olericulture	c) Pomology			
b) Floriculture	d) None			
2. Which of the following chilli varieties is res	istant to leaf curl			
a) Pusa Jwala	c) Pusa Sadabahar			
b) Pant C-1	d) All of these			
3. Aphid resistant variety of Brinjal				
a) Pant Rituraj	c) Annamalai			
b) KKM-1	d) Pusa Bhairav			
4. Olericulture term is aword.				
a) Latin	c) Greek			
b) French	d) NONE			
5. Brinjal plant hastypes of flower	,			
a) Heterostyly	c) Distyly			
b) Tristyly	d) NONE			
6. Pungency in chilli is due to alkaloid				
a) Capsanthin	c) Capsaicin			
b) Solasodine	d) Lycopene			
7. Green leafy vegetables are rich source of	a, Lycopene			
a) Citric acid	c) Folic acid			
b) Malic acid	d) All of above			
0) Wante actu	u) All of above			

a) Ginger c) Cumin b) Chilli d) Black pepper 9	8. Curing is important post harvest practices	of which crop		
9is the major disease of ginger. a) Soft rot or rhizome rot c) Damping off b) both a and b d) NONE 10. Family of cole crops a) Brassicaceae c) Solanaceae b) Cucurbitaceae d) NONE 11. BER stands for a) Blossom End Rot c) Base End Rot b) Ber End Rot d) NONE 12. Family of Cassava is a) Brassicaceae c) Solanaceae b) Cucurbitaceae d) Euphorbiaceae 13. Polishing and colouring are post harvest practices of which crop a) Ginger c) Turmeric b) Chilli d) Black pepper 14.Botanical name of Black pepper is	a) Ginger	c) Cumin		
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a) <i>Curcuma longa</i> c) <i>Piper nigrum</i>	-	-		
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Q.2

A. Define the following. (Any 5 out of 7) (1 mark each)

- 1. Vegetable
- 2. Damping off
- 3. Scooping
- 4. Bolting
- 5. Spices
- 6. Propagation
- 7. Blanching

B	Answer the following. (Any 5 out of 7) (1 mark each)	(05)
	1. List out the physiological disorders of Onion?	
	2. Give the uses of Lettuce Crop ?	
	3. Why brinjal is known as "Poor man's crop"?	
	4. Enlist the different types of vegetable garden.	
	5. Write the botanical name and family of Garlic?	
	6. Why blanching is important in cauliflower?	
	7. Give any four varieties of potato ?	
Q.3	Write short notes. (Any5 out of 6) (2 marks each)	
	1. Importance and scope of spices.	
	2. Enlist the different type forms of tomato.	(10)
	3. Explain Bolting in Cabbage ?	
	4. Write down Climate and Soil reqirement of Pea ?	
	5. Explain Harvesting of Spinach ?	
	6. Kitchen gardening	
Q.4	Attempt any Three out of Four/Long Questions/Example (5 marks each)	(15)
	1. Explain Physiological disorders of Potato in detail ?	
	2. Importance and scope of vegetables	
	3. Difference between Chilli and Capsicum.	

4. Discuss the scientific cultivation practices of Tomato.