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Gandhi Institute of Engineering and Technology University, Odisha, Gunupur (GIET University)



B. Sc. (Ag.) (Fourth Semester - Regular) Examinations, April – 2026
HORT-223 – Production Technology of Vegetables and Spices

Time: 2 hrs

Maximum: 40 Marks

Answer ALL questions**(The figures in the right hand margin indicate marks)****PART – A****(2 x 5 = 10 Marks)**Q.1. Answer **ALL** questions

	CO #	Blooms Level
a. Write down about different toxic substances present in vegetables.	CO1	L2
b. What is TPS? What is the seed rate of TPS?	CO2	L3
c. Describe the importance of vegetables in disease prevention	CO2	L3
d. Write 3 varieties each of cabbage and cauliflower.	CO1	L2
e. What is dehauling in potato?	CO1	L2

PART – B**(6 x 5 = 30 Marks)**Answer **ALL** the questions

	Marks	CO #	Blooms Level
2. Briefly explain the symptoms, cause and management of different physiological disorders of Solanaceous vegetable crops.	5	CO1	L2
3. Briefly explain the important varieties, soil, climate, seed rate, intercultural operations and harvesting of Potato.	5	CO1	L2
4. Write down the scientific name, family, chromosome number and edible part of turmeric, ginger, black pepper, cardamom, clove, cinnamon, fennel, nutmeg, curry leaf and cumin	5	CO2	L3
5. Describe in details the scientific production technology of Cauliflower.	5	CO2	L3
6. Describe in details the scientific production technology of Cucumber.	5	CO3	L2
7. What is Buttoning and Blindness in cauliflower? Write down their symptoms, cause and management.	5	CO3	L3
8. Write down the scientific production technology of Garden Pea.	5	CO2	L3
9. Write down the scientific production technology of Carrot.	5	CO2	L2

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