MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Horticulture

Semester	: IV (New)	Term	: Second	Academic Year	: 2023-24		
Course No.	: H/VS 245	Title	: Temperate Vegetable Crops				
Credits	: 2 (1+1)						
Day & Date	: Monday, 22.04.2024	Time	: 9:00 to 11:00 hrs.	Total Marks	: 40		

Note :
1. Solve **ANY EIGHT** questions from **SECTION 'A'.**
2. All questions from **SECTION 'B'** are compulsory.
3. All questions carry equal marks.
4. Draw neat diagram wherever necessary.

SECTION 'A'

Q.1 Write in brief the scope and importance of temperate vegetable crops in India.

Q.2 Write the cultivation of Cauliflower on the following points.

a) Soil and Climate
b) Layout and Spacing
c) Physiological disorder
d) Harvesting and Yield

Q.3 Describe the cultivation of Palak on the given points.

a) Soil and Climate
b) Seed rate and Spacing
c) Varieties
d) Harvesting and Yield

Q.4 Write short notes on (Any Two):

a) Intercultural operations in Carrot
b) Raising of Cauliflower seedlings.
c) Post harvest management of Garlic

Q.5 Describe the cultivation of Radish on the following points:

a) Land preparation
b) Seed rate and Sowing
c) Manures and Fertilizers
d) Harvesting and Yield

Q.6 Write in detail the cultivation of Onion on the following points:

a) Soil and Climate
b) Improved varieties
c) Intercultural operations
d) Harvesting and Yield

Q.7 Write in detail the cultivation practices of Pea on the following points:

a) Soil and Climate
b) Seed rate and Seed treatment
c) Irrigation
d) Major disease and Control

Q.8 Describe the cultivation of Sprouting Broccoli on the following points:

a) Soil and Climate
b) Intercultural operations
c) Varieties
d) Harvesting and Yield

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Q.9 Write in detail the cultivation of Cabbage on the following points:

a) Seed rate and Sowing time
b) Manures and Fertilizers
c) Irrigation
d) Harvesting and Yield

Q.10 Write description of the following temperate vegetable crops:

Name of crop	Botanical name	Family	Edible part	Chromosome Number
Knol khol				
Lettuce				

SECTION 'B'

Q.11 Fill in the blanks:

1) Leek belongs to the family _____.
2) The Botanical name of Beet root is _____.
3) Pungency in Onion is due to_____.
4) Edible part of Globe Artichoke is _____.

Q.12 Match the pairs:

'A'	'B'
1) Turnip	a) Konkan Kasturi
2) Fenugreek	b) Palampur Green
3) Coriander	c) Phule Kasturi
4) Chinese cabbage	d) Pusa Kanchan

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