MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Horticulture

Semester	: **IV (New)**	Term	: **Second**	Academic Year	: **2021-22**		
Course No.	: **H/VS 245**	Title	: **Temperate Vegetables**				
Credits	: **2 (1+1)**						
Day & Date	: **Thursday, 15.09.2022**	Time	: 14:00 to 16:00 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 the scope and importance of growing temperate vegetable crops in India.

Q.2 Describe in brief different physiological disorders in Cauliflower and their control measures.

Q.3 Write the cultivation of Cabbage on the following aspects:

a) Soil and climate
b) Varieties
c) Seed rate and transplanting
d) Harvesting and yield

Q.4 Describe the cultivation of Carrot on the following points:

a) Soil and climate
b) Varieties
c) Seed rate and sowing
d) Harvesting and yield

Q.5 Give the information of Knol-Khol on the following points:

a) Botanical name and family
b) Varieties
c) Nutrient management
d) Harvesting and yield

Q.6 Describe the cultivation of Palak/ Spinach on the following aspects:

a) Botanical description
b) Use
c) Varieties
d) Harvesting and yield

Q.7 Describe the cultivation of Onion on the following points:

a) Soil and climate
b) Seed rate and transplanting
c) Manures and fertilizers
d) Harvesting and yield

Q.8 Describe the cultivation of *Pisum sativum* on the following aspects:

a) Soil and climate
b) Seed rate and sowing
c) Use
d) One major disease and its control measures

(P.T.O)

agromind.in

Telegram - AgroMind

Q.9 Describe the cultivation of Radish on the following aspects:

a) Soil and climate

b) Manures and fertilizers

c) Seed rate and improved varieties

d) Harvesting and yield

Q.10 Write short notes on (Any Two):

a) Varieties of garlic

b) Raising of seedlings in nursery

c) Bolting in onion

SECTION 'B'

Q.11 Match the pairs:

'A'	'B'
1) Leek	a) *Lactuca sativa* L.
2) Sprouting Broccoli	b) *Brassica oleracea var. italica*
3) Lettuce	c) *Cynara scolymus* L.
4) Globe artichoke	d) *Allium ampeloprasum var. porrum* L.

Q.12 Fill in the blanks:

1) Kale belongs to the family _____.

2) Edible part of fenugreek is_____.

3) Sauerkraut is a fermented product prepared from _____.

4) Pusa Kanchan is a variety of _____ crop.

✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧ ✧

agromind.in

Telegram - AgroMind