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 243						
Credits	: 3 (2+1)	Title	: Spices and Condiments				
Day & Date	: Monday, 29.04.2024	Time	: 9:00 to 12:00 hrs.	Total Marks	: 80		

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 Define Spices and Condiments. Write in detail about the importance of spices and condiments cultivation in India.

Q.2 Give the cultivation of Black pepper on the following points:

a) Improved varieties
b) Propagation
c) Shade regulation
d) Harvesting and Yield

Q.3 Classify spices and condiments on different basis with suitable examples.

Q.4 Write about the cultivation of Turmeric on the following points:

a) Soil and Climate
b) Propagation and Planting
c) Varieties
d) Harvesting and Yield

Q.5 Discuss about the cultivation of Cardamom on the following points:

a) Soil and Climate
b) Propagation
c) Harvesting and Yield
d) Curing

Q.6 Describe the cultivation of Coriander on the following points:

a) Soil and Climate
b) Seed rate and Sowing
c) Manures and Fertilizers
d) Harvesting and Yield

Q.7 Write about the cultivation of Clove on the following aspects:

a) Soil and Climate
b) Propagation
c) Harvesting and Yield
d) Curing

Q.8 Describe the cultivation of Nutmeg on the following points:

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

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Q.9 Discuss the cultivation of Fennel on the following points:

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

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

a) Processing of Cinnamon
b) Processing of Kokum
c) Processing of Black pepper

SECTION 'B'

Q.11 Do as directed:

1) 'Standard Bearer' is a variety of _____.
2) Indian Institute of Spices Research is located at _____.
3) Write two varieties of Fenugreek.
4) _____ is known as the 'Queen of Spices'.
5) Name the alkaloid present in Turmeric.
6) Curry leaf is propagated by _____.
7) Economical part of Vanilla is _____.
8) NRC for Seed Spices is located at _____.

Q.12 Match the pairs:

'A'	'B'
1) Ginger	a) Rutaceae
2) Saffron	b) Lamiaceae
3) Curry leaf	c) Cinnamon
4) Turmeric	d) Zingiberin
5) Thyme	e) Cuttings
6) Black pepper	f) Konkan Swad
7) Coppicing	g) Stigma
8) Nutmeg	h) Curcumin

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