

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Horticulture

[If AR Sixth Degree Committee Discontinued Sm1000s]

Semester : II (New)	Term : Second	Academic Year : 2024-25
Course No. : PSMA-121	Title : Commercial Production of Spices and Plantation Crops	
Credits : 3(2+1)	Time : 10:00 to 13:00 hrs.	Total Marks : 80
Day & Date : Monday, 30.06.2025		

- 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 Explain in brief the scope and importance of spice and plantation industry in India.
- Q.2 Write in detail the cultivation of Black pepper on the following aspects:
- a) Soil and Climate
 - b) Manures and Fertilizers
 - c) Improved varieties
 - d) Harvesting
- Q.3 Discuss in detail the cultivation of Tea on the following points:
- a) Soil and Climate
 - b) Improved varieties
 - c) Propagation
 - d) Harvesting
- Q.4 Discuss the cultivation practices of Fenugreek on the following points:
- a) Climate and Soil
 - b) Improved varieties
 - c) Land preparation and Sowing
 - d) Harvesting
- Q.5 Discuss the cultivation practices of Ginger on the following aspects:
- a) Climate and Soil
 - b) Improved varieties
 - c) Propagation and Seed rate
 - d) Harvesting
- Q.6 Discuss the cultivation of Coconut on the following points:
- a) Soil and Climate
 - b) Improved varieties
 - c) Planting systems and spacing
 - d) Harvesting and Yield
- Q.7 Discuss the cultivation in relation to Cashew nut on the following points:
- a) Soil and Climate
 - b) Manures and Fertilizers
 - c) Propagation and Planting
 - d) Harvesting and Yield
- Q.8 Discuss the cultivation of Turmeric on the following aspects:
- a) Soil and Climate
 - b) Propagation and Planting
 - c) Harvesting and Yield
 - d) Curing

(P.T.O)

Q.9 Write short notes on (Any Two):

- a) Process for bark extraction in Cinnamon
- b) Tapping and processing of Rubber
- c) Processing of Tea

Q.10 Write down the cultivation practices of Small Cardamom on the given points:

- a) Soil and Climate
- b) Improved varieties
- c) Earthing-up
- d) Harvesting

SECTION 'B'

Q.11 Match the pairs:

- | 'A' | 'B' |
|------------|------------------------------|
| 1) Cumin | a) <i>Theobroma cacao</i> |
| 2) Coffee | b) <i>Vanilla planifolia</i> |
| 3) Fennel | c) <i>Allium sativum</i> |
| 4) Rubber | d) <i>Apium graveolens</i> |
| 5) Garlic | e) <i>Hevea brasiliensis</i> |
| 6) Vanilla | f) <i>Foeniculum vulgare</i> |
| 7) Cocoa | g) <i>Coffea arabica</i> |
| 8) Celery | h) <i>Cuminum cyminum</i> |

Q.12 Fill in the blanks:

- 1) 'Rajendra-Swati' is a variety of _____.
- 2) Coffee belongs to the Family _____.
- 3) IISR stands for _____.
- 4) Cardamom belongs to the Family _____.
- 5) Inflorescence of Coconut is called as, _____.
- 6) 'Bhima Purple' is a variety of _____.
- 7) Central Plantation Crops Research Station is located at _____.
- 8) Clove belongs to the Family _____.

