

**MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION**

B.Sc. (Agri.)

Semester : IV (New)	Term : II	Academic Year : 2016-17
Course No. : HORT 243	Title : Production Technology of Spices, Aromatics, Medicinal and Plantation Crops	
Credits : 2 (1+1)		
Day & Date : Friday, 05.05.2017	Time : 14.00 to 16.00	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 diagrams wherever necessary.

SECTION "A"

Q.1 Discuss the importance of plantation and medicinal crops in India.

Q.2 Describe the cultivation of black pepper on following points.

- | | |
|--------------------|---------------|
| a) Propagation | b) Varieties |
| c) Planting method | d) Harvesting |

Q.3 Describe the cultivation of ginger on following points.

- | | |
|----------------------------|-------------------------|
| a) Soil and climate | b) Propagation |
| c) Manures and fertilizers | d) Harvesting and yield |

Q.4 Complete the following table.

Sr.No.	Crop	Botanical name	Family	Propagation	Use
1)	Rauwolfia				
2)	Guggal				

Q.5 Describe the cultivation of cashew nut on following points.

- | | |
|---------------------|-------------------------|
| a) Soil and climate | b) Planting |
| c) Varieties | d) Harvesting and yield |

Q.6 Give the symptoms and control measures of two important diseases of coconut.

Q.7 Describe the cultivation of cardamom on following aspects.

- | | |
|----------------|--------------|
| a) Soil | b) Varieties |
| c) Propagation | d) Yield |

Q.8 Give the information on the following points pertaining to coriander.

- | | |
|---------------|-------------------------|
| a) Importance | b) Varieties |
| c) Fertilizer | d) Harvesting and yield |

Q.9 Explain in detail cultivation of nutmeg on following points.

- | | |
|---------------------|---------------------|
| a) Soil and climate | b) Propagation |
| c) Varieties | d) Plant parts used |

(P.T.O.)

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

- 1) Gum tapping and collection in guggal.
- 2) Lowering of betel vine
- 3) Uses of Dawana

SECTION "B"

Q.11 Fill in the blanks.

- 1) Periwinkle belongs to family _____.
- 2) CPCRI is located at _____.
- 3) Citronella is vegetatively propagated by _____.
- 4) Cumin is classified as _____ spice.

Q.12 Match the following pairs.

"A"

- 1) Cocoa
- 2) Beetle vine
- 3) Tea
- 4) Areca nut

"B"

- a) Assam
- b) Mangala
- c) Chocolate
- d) Creeper

