

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

**B.Sc. (Hons.) Agriculture**

<b>Semester</b> : III (New)	<b>Term</b> : I	<b>Academic Year</b> : 2018-19
<b>Course No.</b> : HORT 232	<b>Title</b> : Production Technology for Vegetable and Spices	
<b>Credits</b> : 2(1+1)		
<b>Day &amp; Date</b> : Thursday, 15.11.2018	<b>Time</b> : 9.00 to 11.00	<b>Total Marks</b> : 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 Write in detail about importance of vegetable cultivation in India.
- Q.2 Write about cultivation of cucumber in respect of the following aspects.
- a) Soil and climate
  - b) Use of growth regulators
  - c) Manures and fertilizers
  - d) Harvesting indices and yield
- Q.3 Write about cultivation of tomato on the following aspects.
- a) Soil and climate
  - b) Seed rate and raising of seedlings
  - c) Varieties
  - d) Harvesting and yield
- Q.4 Write short notes.
- a) Raising of seedlings of vegetable crops
  - b) Maturity indices of watermelon
- Q.5 Describe in brief the cultivation practices of onion on the following points.
- a) Soil and climate
  - b) Planting season and seed rate
  - c) Manures and fertilizers
  - d) Harvesting and yield
- Q.6 Write short notes.
- a) Processing of white pepper
  - b) Harvesting and processing of cinnamon
- Q.7 Write in detail cultivation of ginger on the following points.
- a) Propagation and planting
  - b) Varieties
  - c) Harvesting and yield
  - d) Curing
- Q.8 Describe in brief the cultivation practices of potato on the following points.
- a) Soil and climate
  - b) Planting season and seed rate
  - c) Earthing up
  - d) Improved varieties

**(P.T.O.)**

- Q.9 Write in detail cultivation of nutmeg on the following points.
- Soil and climate
  - Propagation and planting method
  - Varieties
  - Plant part used
- Q.10 Write about cultivation of okra on the following aspects.
- Soil and climate
  - Seed rate and spacing
  - Manures and fertilizers
  - Harvesting and yield

**SECTION "B"**

- Q.11 Fill in the blanks.

- Botanical name of drumstick is \_\_\_\_\_.
- Cardamom is known as \_\_\_\_\_ of spices.
- \_\_\_\_\_ is the cultivar of ridge gourd which produces hermaphrodite flowers.
- \_\_\_\_\_ is a variety of garden pea released by MPKV, Rahuri.

- Q.12 Match the following pairs.

**'A'**

**'B'**

- |  |                 |
|--|-----------------|
| 1) Triple disease resistant variety of tomato      | a) Moraceae     |
| 2) Variety of tomato susceptible to bacterial wilt | b) Arka Abha    |
| 3) Bread fruit                                     | c) Arka Rakshak |
| 4) Cinnamon  | d) Pusa Ruby    |
|  | e) Lauraceae    |

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