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

**B.Sc. (Hons.) Horticulture**

<b>Semester</b> : III (New)	<b>Term</b> : I	<b>Academic Year</b> : 2018-19
<b>Course No.</b> : H/VS 232	<b>Title</b> : Tropical and Subtropical Vegetables	
<b>Credits</b> : 3 (2+1)		
<b>Day &amp; Date</b> : Thursday, 15.11.2018	<b>Time</b> : 9.00 to 12.00	<b>Total Marks</b> : 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 diagrams wherever necessary.

**SECTION "A"**

- Q.1 Write in short the importance and scope of vegetables.
- Q.2 Write in brief the cultivation of French bean on the following points.
- a) Climate and soil
  - b) Varieties
  - c) Seed and seed inoculation
  - d) Maturity standards and yield
- Q.3 Describe the cultivation of water melon with the following points.
- a) Climate and soil
  - b) Varieties
  - c) Nutrient management
  - d) Harvesting and yield
- Q.4 Describe the cultivation of chilli with the following points.
- a) Planting seasons
  - b) Seed and nursery management
  - c) Nutrient management
  - d) Harvesting and yield
- Q.5 Enlist various types of vegetable farming. Explain in brief about truck gardening.
- Q.6 Describe the cultivation of okra on the following points.
- a) Varieties
  - b) Preparation of field
  - c) Nutrient management
  - d) Harvesting and yield
- Q.7 Write short notes (Any Two).
- a) Sex types in cucumber
  - b) Bower system of training in bottle gourd
  - c) Physiological disorders in tomato
- Q.8 Describe the cultivation of fenugreek with the following points.
- a) Sowing and seed rate
  - b) Seed treatment
  - c) Varieties
  - d) Nutrient management

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Q.9 Write the cultivation of bitter gourd on the following points.

- a) Planting seasons and spacing
- b) Varieties
- c) Nutrient management
- d) Harvesting and grading

Q.10 Describe the cultivation of brinjal on the following points.

- a) Planting seasons
- b) Hardening of seedlings
- c) Interculture
- d) Harvesting and yield

### SECTION "B"

Q.11 Fill in the blanks.

- 1) Konkan Durangi is a variety of \_\_\_\_\_.
- 2) Family of the basella is \_\_\_\_\_.
- 3) Cowpea pods are rich in vitamin \_\_\_\_\_.
- 4) Botanical name of bottle gourd is \_\_\_\_\_.
- 5) Origin of coriander is \_\_\_\_\_ region.
- 6) 'Satputia' is variety of \_\_\_\_\_.
- 7) Ivy gourd (Tondali) is \_\_\_\_\_ perennial creeper vegetable.
- 8) Botanical name of agathi is \_\_\_\_\_.

Q.12 Match the following pairs.

**'A'**

- 1) Pumpkin
- 2) Sponge gourd
- 3) Musk melon
- 4) Dolichos bean
- 5) Coriander
- 6) Tomato
- 7) Drumstick
- 8) Curry leaf

**'B'**

- a) Konkan Ruchira
- b) Arka vijay
- c) Suwasini
- d) Phule Prajakta
- e) Arka Suryamukhi
- f) Punjab Sunheri
- g) Phule Raja
- h) Gujarat- 1

