

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD PUNE  
SEMESTER END EXAMINATION

B. Sc. (Hons.) A.B.M.

Semester	: II (New)	Term	: II	Academic Year	: 2018-19
Course No.	: HORT 122	Title	: Production Management of Vegetable, Floricultural, Aromatic and Medicinal Crops		
Credits	: 3 (2+1)	Time	: 09.00 to 12.00	Total Marks	: 80
Day & Date	: Thursday, 02.05.2019				

- 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 Explain in brief scope and importance of floriculture industry in India.
- Q.2 Define plant growth regulator. Write down in brief role in vegetable and flower production.
- Q.3 Enlist types of vegetable gardens. Explain in brief kitchen garden.
- Q.4 Discuss in brief principles of garden design.
- Q.5 Write short notes (Any Two) :
- a) Formal Garden
  - b) Vegetable garden for seed production
  - c) Nutritional importance of Vegetables
- Q.6 Write package of practices in Onion with the following points.
- 1) Soil and climate
  - 2) Nursery preparation and transplanting
  - 3) Manures and fertilizers
  - 4) Maturity indices
- Q.7 Write in detail production management of Cauliflower on following points.
- 1) Nursery preparation
  - 2) Manures and fertilizers
  - 3) Physiological disorders
  - 4) Pests and diseases
- Q.8 Write in detail production technology of Carnation on the following points.
- 1) Improved varieties
  - 2) Pinching and disbudding
  - 3) Nutrition management
  - 4) Harvesting and yield
- Q.9 Write package of practices in Marigold with following points.
- 1) Soil and climate
  - 2) Improved varieties
  - 3) Special cultural practices
  - 4) Harvesting and yield

(P.T.O.)

Q.10 Write package of practices in Potato with following points.

- |                         |                         |
|-------------------------|-------------------------|
| 1) Soil and climate     | 2) Earthing up          |
| 3) Nutrition management | 4) Harvesting and yield |

SECTION "B"

Q.11 Match the following pairs.

"A"

- 1) Gladiolus
- 2) Brinjal
- 3) Tuberose
- 4) Sarpgandha
- 5) Okra
- 6) Sweet potato
- 7) Formal Garden
- 8) Informal garden

"B"

- a) Apocynaceae
- b) Corm
- c) Fruit and shoot borer
- d) Japanese garden
- e) Root tuber
- f) Parabhani Kranti
- g) Phule Rajani
- h) Tajmahal Garden

Q.12 Fill in the blanks.

- 1) Gaillardia is commercially propagated by \_\_\_\_\_.
- 2) Botanical name of Lavender is \_\_\_\_\_.
- 3) Tea garden is important feature of \_\_\_\_\_ garden.
- 4) Garlic is commercially propagated by \_\_\_\_\_.
- 5) \_\_\_\_\_ flower produce seed without endosperm.
- 6) \_\_\_\_\_ is perennial vegetable.
- 7) Bitter test of bitter guard is due to \_\_\_\_\_.
- 8) Red colour in chilli is due to \_\_\_\_\_.

