

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Agri.)

Semester : III (New)	Term : I	Academic Year : 2013-14
Course No. : HORT 232	Title : Production Technology of Vegetables and Flowers	
Credits : 2(1+1)	Time : 9.00 to 11.00	Total Marks : 40
Day & Date : Saturday, 26.10.2013		

- 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 Describe the scope and importance of vegetable production in India.
- Q.2 Enlist different types of vegetable gardening and explain kitchen gardening.
- Q.3 Give the production technology of Chili on following points.
- i) Soil and climate
 - ii) Improved varieties
 - iii) Seed rate and transplanting
 - iv) Harvesting and yield
- Q.4 Write short notes (ANY TWO)
- i) Indoor gardening
 - ii) Pruning of roses
 - iii) Blanching in cauliflower
- Q.5 Explain the production technology of onion on following points.
- i) Soil and climate
 - ii) Improved varieties
 - iii) Manures and fertilizers
 - iv) Harvesting and yield
- Q.6 Enlist different types and styles of ornamental gardens and describe in brief about Mughal garden.
- Q.7 Describe the production technology of *Jasminum sambac* on following points.
- i) Soil and climate
 - ii) Varieties, propagation and planting
 - iii) Manures and Fertilizers
 - iv) Harvesting and yield
- Q.8 Describe the production technology of marigold on following points.
- i) Soil and climate
 - ii) Varieties and planting
 - iii) Fertilizer application
 - iv) Harvesting and Yield
- Q.9 Enlist the various cucurbitaceous vegetables and give the information of ridge gourd on following points.
- i) Botanical name and family
 - ii) Seed rate
 - iii) Improved varieties
 - iv) Yield
- Q.10 Describe the cultivation of Chrysanthemum on following points.
- i) Soil and climate
 - ii) Propagation and Spacing
 - iii) Improved varieties
 - iv) Harvesting and Yield

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SECTION "B"

Fill in the blanks.

- 1) Separation of stalk from the vine with a slight jerk is the maturity indices of _____ crop.
- 2) Turning of vines is the interculture operation in _____ vegetable crop.
- 3) Greening of potato is due to _____.
- 4) Red colour of tomato is due to _____ pigment.

Q.12 Match the pairs.

"A"

"B"

- 1) Celery
- 2) Amaranthus
- 3) Pothas species
- 4) Drooping Ashok

- a) Leafy vegetables
- b) Salad vegetable
- c) Avenue tree
- d) Hanging basket

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MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD
SEMESTER END EXAMINATION

B.Sc. (Agri.)

Semester : III (New)	Term : I	Academic Year : 2012-13
Course No. : HORT 232	Title : Production Technology of Vegetables and Flowers	
Credits : 2(1+1)		
Day & Date : Tuesday, 30.10.2012	Time : 9.00 to 11.00	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 Enlist various types of vegetable gardens and write about one which is aimed for production of seed.
- Q.2 Write about cultivation of okra on the following aspects.
- a) Soil and Climate
 - b) Seed rate and Spacing
 - c) Manures and Fertilizers
 - d) Harvesting and Yield
- Q.3 Write about cultivation of chilli on following aspects.
- a) Soil and Climate
 - b) Seed rate and Spacing
 - c) Varieties (Any Two)
 - d) Yield (Green and Dry red)
- Q.4 Write short notes on (Any Two)
- 1) Advantages of using true potato seed (TPS)
 - 2) Importance of ornamental horticulture
 - 3) Maturity indices of watermelon
- Q.5 Write about cultivation of cabbage on following aspects.
- a) Soil and Climate
 - b) Seed rate and Spacing
 - c) Manures and Fertilizers
 - d) Harvesting and Yield
- Q.6 Write about cultivation of rose in respect of following aspects.
- a) Soil and Climate
 - b) Propagation and Spacing
 - c) Pruning (Types and Time)
 - d) Harvesting and Yield
- Q.7 Write about cultivation of marigold in respect of following points.
- a) Soil and Climate
 - b) Propagation and Spacing
 - c) Planting season
 - d) Harvesting and Yield
- Q.8 Describe in brief the cultivation practices of Onion on following points.
- a) Soil and Climate
 - b) Manures and Fertilizers
 - c) Planting season and Seed rate
 - d) Improved varieties

- Q.9 Enlist different basis of vegetable classification and write in brief about classification on the basis of plant part consumed.
- Q.10 What are the different garden styles and types? Discuss in brief the Japanese garden style.

SECTION "B"

- Q.11 Furnish the information in tabular form.

Sr. No.	Crop	Plant part used for propagation
1)	Tuberose	
2)	Garlic	
3)	Spinach	
4)	drumstick	

- Q.12 Match the pairs.

"A"

- 1) Bougainvillea
- 2) Sponge gourd
- 3) Dolichos bean
- 4) Chrysanthemum

"B"

- a) Disbudding
- b) Climber
- c) Pusa Chikni
- d) Konkan Bhushan

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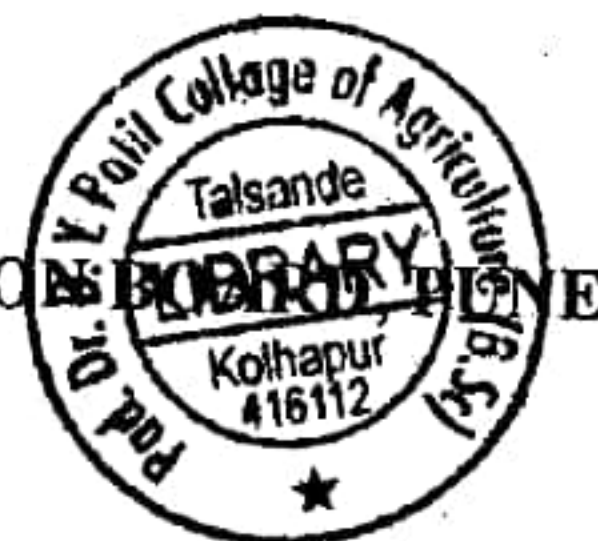
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MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATIONS SEMESTER END EXAMINATION



B.Sc. (Agri.)

Semester : III (New)	Term : I	Academic Year : 2011-12
Course No. : HORT 232	Title : Production Technology of Vegetables and Flowers	
Credits : 2(1+1)		
Day & Date : Monday, 26.09.2011	Time : 9.00 to 11.00	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 Enlist the different types and styles of ornamental gardens and explain any one style of ornamental garden.
- Q.2 Enlist the various types of vegetable gardening and explain any one of them.
- Q.3 Explain the importance of vegetable growing in India.
- Q.4 Explain in brief the cultivation of **tomato** on following points:
 - 1) Soil and climate
 - 2) Interculture operations
 - 3) Varieties
 - 4) Harvesting and yield
- Q.5 Explain in brief the cultivation of **cauliflower** on following points:
 - 1) Soil and climate
 - 2) Interculture operations
 - 3) Harvesting and yield
 - 4) Physiological disorders
- Q.6 Enlist the various cucurbitaceous vegetables and give the information on **ridge gourd** on following points:
 - 1) Interculture operations
 - 2) Harvesting and yield
- Q.7 Explain in brief the cultivation of **potato** on following points:
 - 1) Interculture operation
 - 2) Improved varieties
 - 3) Seed treatment
 - 4) Harvesting indices
- Q.8 Describe the cultivation of **roses** on following points:
 - 1) Commercial method of propagation
 - 2) Classification of roses
 - 3) Dis-budding
 - 4) Harvesting
- Q.9 Give the information on **gladiolus** on following points:
 - 1) Propagation
 - 2) Improved varieties
 - 3) Interculture operation
 - 4) Harvesting and yield
- Q.10 Write short notes (Any Two)
 - 1) Botanical classification of vegetables
 - 2) Types of tuberoses
 - 3) Harvesting indices of onion and watermelon

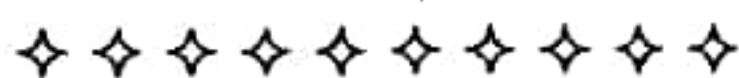
SECTION "B"

Q.11 Define following terms.

- | | |
|---------------|--------------|
| 1) Staking | 2) Pinching |
| 3) Disbudding | 4) Vegetable |

Q.12 Fill in the blanks.

- 1) Botanical name of potato is _____.
- 2) Botanical name of Muskmelon is _____.
- 3) Family of Gerbera is _____.
- 4) Tuberose is propagated by _____.



MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION



B.Sc. (Agri.)

Semester	: III (New)	Term	: I	Academic Year	: 2010-11
Course No.	: HORT 232	Title	: Production Technology of Vegetables and		
Credits	: 2(1+1)		Flowers		
Day & Date	: Saturday, 23.10.2010	Time	: 9.00 to 11.00	Total Marks	: 40

- Note :**
1. Solve ANY FIVE 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 Define vegetable and give importance of vegetables in human nutrition.
- Q.2 Enlist the basis of classification of vegetable crops and give the classification based on methods of culture.
- Q.3 Explain the different types and styles of garden.
- Q.4 Write the cultivation of tomato or onion on following points.
a) Soil and climate b) Seed rate and spacing 3) Improved varieties
d) Manuring and fertilizers e) Harvesting and yield
- Q.5 Write short notes on (Any Two)
a) Blanching in cauliflower b) Maturity indices for watermelon
c) Raising of marigold seedlings
- Q.6 Describe the cultivation of rose with reference to following points.
a) Classes of rose b) Propagation c) Planting d) Pruning
e) Harvesting and yield
- Q.7 Explain in brief the package of practices for chrysanthemum with regard to the following points.
a) Climate and soil b) Propagation and planting c) Pinching
d) Fertilizer requirement e) Harvesting and yield

SECTION "B"

- Q.8 Fill in the blanks.
- 1) Tuberose is propagated by_____.
 - 2) Botanical name of *Mogra* is_____.
 - 3) _____gardening is an extensive type of vegetable cultivation.
 - 4) Red colour of chilli is due to_____.
 - 5) _____is a leguminous leafy vegetable.

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Q.9 Answer the followings.

- 1) Give two potato varieties suitable for processing.
- 2) Name two dioecious cucurbits.
- 3) Give the two examples for hedges.
- 4) Give two examples for indoor gardening.
- 5) Give two examples of commercial flowers propagated by seed.

Q.10 Match the followings.

“A”

- 1) Marigold
- 2) Sweet potato
- 3) Jasmine
- 4) Garlic
- 5) Indian bean

“B”

- a) Oleaceae
- b) Dipali
- c) *Tagets species*
- d) Konkan Ashwini
- e) Godavari

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MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION



B.Sc. (Agri.)

Semester	: III (New)	Academic Year	: 2009-10
Course No.	: HORT 232	Title	: Production Technology of
Credits	: 2(1+1)		Vegetables & Flowers
Day & Date	: Saturday, 14.11.2009	Time	: 9.00 to 11.00
		Total Marks	: 40

- Note:**
1. Solve ANY FIVE 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 Define olericulture. Describe importance and scope for vegetable production.
- Q.2 Enlist the different types of vegetable gardening and describe in detail about truck gardening.
- Q.3 Describe the cultivation of tomato on following points.
- (1) Soil and climate
 - (2) Improved varieties
 - (3) Transplanting of seedlings
 - (4) Manures and fertilizers
 - (5) Harvesting and yield
- Q.4 Write short notes on (Any Two)
- 1) Pruning in Roses
 - 2) Vegetables for processing
 - 3) Importance of Ornamental Horticulture
- Q.5 Enlist names of different types of cucurbitaceous vegetables and give the information of following points pertaining to Ridge gourd.
- 1) Botanical name and family
 - 2) Seed rate and spacing
 - 3) Two improved varieties
- Q.6 Describe the cultivation of Chrysanthemum on following points.
- (1) Soil and climate
 - (2) Method of Propagation
 - (3) Improved varieties
 - (4) Spacing
 - (5) Harvesting
- Q.7 Enlist different types and styles of ornamental gardens and describe in brief about Mughal Garden with example.

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SECTION "B"

Q.8 Fill in the blanks.

- 1) Red colour in tomato is due to presence of _____ pigment.
- 2) Pungency in chilli is due presence of _____ content.
- 3) Deficiency of _____ causes Night Blindness.
- 4) Marigold is propagated by _____.
- 5) Okra belongs to family _____.

Q.9 State True or False.

- 1) Cole crops are generally cultivated in kharif season.
- 2) All cucurbitaceous vegetable crops are successfully transplanted.
- 3) Jasmine is a perennial crop.
- 4) Sugar baby is a variety of muskmelon.
- 5) Parbhani Kranti is a variety of Okra.

Q.10 Match the pairs.

"A"

"B"

- | | |
|----------------|----------------|
| (1) Palak | (a) Cuttings |
| (2) Chilli | (b) Corms |
| (3) Carrot | (c) Nanten |
| (4) Gladiolous | (d) Solanaceae |
| (5) Acalypha | (e) Puṣa Jyoti |

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SEMESTER END EXAMINATION

B.Sc. (Agri.)

Semester : III (New)	Term : I	Academic Year : 2015-16
Course No. : HORT 232	Title : Production Technology of Vegetables and Flowers	
Credits : 2(1+1)		
Day & Date : Monday, 19.10.2015	Time : 9.00 to 11.00	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 Write cultivation practices of tomato on following points.
- a) Soil and climate
 - b) Sowing and transplanting
 - c) Harvesting.
 - d) Nutritional and medicinal value
- Q.2 Write the cultivation practices of rose on following points.
- a) Soil and climate
 - b) Varieties
 - c) Propagation and Planting method
 - d) Harvesting
- Q.3 Enlist garden type. Describe in detail about mughal garden.
- Q.4 Write cultivation practices of water melon on following points.
- a) Botanical Name and Family
 - b) Soil and climate
 - c) Nutrient Management
 - d) Harvesting
- Q.5 Describe the cultivation practices of gladiolus on following points.
- a) Soil and climate
 - b) Propagation and planting method
 - c) Variety
 - d) Harvesting
- Q.6 Give detailed classification of vegetables. Explain in detail classification based on botanical and method of culture
- Q.7 Write short notes on.
- a) Japanese Tea garden
 - b) Write physiological disorder of tomato
- Q.8 Discuss the cultivation practices of okra on following points.
- a) Importance and use
 - b) Varieties
 - c) Sowing method
 - d) Harvesting and Yield
- Q.9 Write short notes on.
- a) Pinching and disbudding in chrysanthemum
 - b) Greening in potato
- Q.10 Write the cultivation practices of marigold on following points.
- a) Botanical name
 - b) Propagation and planting method
 - c) Harvesting
 - d) Uses

SECTION "B"

- Q.11 Do as directed.
- 1) Name of pigment responsible for red colour in tomato and chilli.
 - 2) List out main features of English garden.
 - 3) Write two crops of hardy vegetables.
 - 4) Name two flowering shrubs.
- Q.12 Define the following terms.
- 1) Axis
 - 2) Formal garden
 - 3) Bolting
 - 4) Olericulture



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