



Enrollment No.....

Faculty of Agriculture

End Sem (Even) Examination May-2022

AG3CO26 Production technology for Ornamental

Crops, MAP & Landscaping

Programme: B.Sc. (Hons.) Branch/Specialisation: Agriculture

Duration: 3 Hrs.**Maximum Marks: 50**

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d.

- Q.1 i. Gardens have no 'secrets' and the element of surprise is lost. **1**
 (a) Formal (b) Informal
 (c) Both (a) and (b) (d) None of these
- ii. Style reflects naturalistic effect of total view and represents natural beauty. **1**
 (a) Formal (b) Informal
 (c) Both (a) and (b) (d) None of these
- iii. Scientific name of Rose is _____. **1**
 (a) Rosa indica (b) Tagetes erecta
 (c) Hibiscus indicus (d) None of these
- iv. Family of chrysanthemum is- **1**
 (a) Asteraceae (b) Anacardiaceae
 (c) Tiliaceae (d) Rosaceae
- v. pH required for cultivation of African marigold (Tagetes erecta L.) **1**
 (a) 7.0 to 7.5 (b) 6.0-7.0 (c) 5.6- 6.5 (d) 4.5- 5.5
- vi. Which is the suitable variety of Jasmine for commercial cultivation in Telangana? **1**
 (a) Jasminum sambac (c) Jasminum multiflorum
 (b) Jasminum auriculatum (d) All of these
- vii. Indian sena is a _____. **1**
 (a) Winter season crop (b) Summer season crop
 (c) Rainy season crop (d) Spring season crop
- viii. National medical plants board is located in- **1**
 (a) Nagpur (b) Ahmedabad

(c) Hyderabad

(d) New Delhi

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- ix. MAP is the study of _____. **1**
 (a) Medicinal plant (b) Fruit
 (c) Mushroom (d) Flower
- x.is/are raised by layering. **1**
 (a) Carnation (b) Chrysanthemum
 (c) Both (a) and (b) (d) None of these
- Q.2 i. Write down the key features of formal design garden? **1**
 ii. Write down the principles of landscaping? **2**
 iii. Differentiate medicinal and aromatic plants? **5**
- OR iv. Discuss in detail about basic principles of gardening? **5**
- Q.3 i. Write a note on following two red flowering trees? **1**
 (a) Cordia sebestina (b) Delonix regia
- ii. Write a note on production technology of orchids under protected conditions? **3**
- iii. Write down the Guidelines for tree planting and maintenance? **4**
- OR iv. Write down the production technology of Rose and gladiolus. **4**
- Q.4 i. Define with example of loose flowers? **2**
 ii. Discuss in detail about Package of practices for marigold under open conditions? **6**
- OR iii. Write in detail about package and practice of jasmine under open condition? **6**
- Q.5 i. Give the examples of any two Medicinal crops with their uses. **2**
 ii. Write the Botanical name of Marigold and Jasmine? **2**
 iii. Write down the production technology of Ashwagandha? **4**
- OR iv. Write down the production technology of Lemon grass? **4**
- Q.6 Attempt any two:
 i. Write down the objectives of value addition in ornamental flower crops? **4**
 ii. Classify value-added floricultural products? **4**
 iii. Describe processing of MAPs and give some examples of value- **4**

added products from MAPs?

Marking Scheme
AG3CO26 Production technology for Ornamental Crops, MAP & Landscaping

Q.1	i.	Gardens have no ‘secrets’ and the element of surprise is lost.		1
		(a) Formal	(
	ii.	Style reflects naturalistic effect of total view and represents natural beauty.		1
		(b) Informal		
	iii.	Scientific name of Rose is_____.		1
		(a) Rosa indica		
	iv.	Family of chrysanthemum is-		1
		(a) Asteraceae		
	v.	pH required for cultivation of African marigold (Tagetes erecta L.)		1
		(a) 7.0 to 7.5		
Q.2	vi.	Which is the suitable variety of Jasmine for commercial cultivation in Telangana?		1
		(d) All of these		
	vii.	Indian sena is a_____.		1
		(c) Rainy season crop		
	viii.	National medical plants board is located in-		1
		(d) New Delhi		
	ix.	MAP is the study of _____.		1
		(a) Medicinal plant		
	x.is/are raised by layering.		1
		(c) Both (a) and (b)		
Q.2	i.	Key features of formal design garden	(As per explanation)	1
	ii.	Principles of landscaping	(As per explanation)	2
	iii.	Medicinal	2.5 Marks	5
OR		Aromatic plants	2.5 Marks	
	iv.	Basic principles of gardening	(As per explanation)	5
Q.3	i.	(a) Cordia sebestina	0.5 Mark	1
		(b) Delonix regia	0.5 Mark	
	ii.	Production technology of orchids under protected conditions		3
			(As per explanation)	
	iii.	Tree planting	2 Marks	4
		Maintenance	2 Marks	
OR	iv.	Production technology of Rose	2 Marks	4
		Production technology of Gladiolus.	2 Marks	

Q.4	i.	Loose flowers	(As per explanation)	2
	ii.	Package of practices for marigold under open conditions		6
OR			(As per explanation)	
	iii.	Package and practice of jasmine under open condition		6
			(As per explanation)	
Q.5	i.	Two Medicinal crops	1 Mark	2
		With their uses.	1 Mark	
	ii.	Botanical name of Marigold	1 Mark	2
OR		Botanical name of Jasmine	1 Mark	
	iii.	Production technology of Ashwagandha	(As per explanation)	4
	iv.	Production technology of Lemon grass	(As per explanation)	4
Q.6		Attempt any two:		
	i.	Objectives of value addition in ornamental flower crops		4
			(As per explanation)	
	ii.	Classify value-added floricultural products	(As per explanation)	4
	iii.	Describe processing of MAPs	3 Marks	4
			Give some examples	1 Marks
