



BRAINWARE UNIVERSITY

Term End Examination 2023-2024 Programme - B.Sc.(Ag)-Hons-2021 Course Name - Hi-tech. Horticulture Course Code - EC-BAG671A (T) (Semester VI)

Full Marks: 50	Time: 2:0 Hours
	 rive their answers in their

[The figure in the margin indicates full marks. Candidates are required to give their answers in own words as far as practicable.]

Group-A (Multiple Choice Type Question) Choose the correct alternative from the following: (i) Show the correct answer: Chemical thinning of bloosoms in fruit crops can be effectively and cheaply done by spraying which chemical substance? a) NAA b) IAA d) ABA c) IBA (ii) The practice of complete removal of the trunk in trees like Cinchona leaving 30-35 cm stump alone is summarized as: b) Pollarding a) Lopping c) Coppicing d) Bending (iii) Show the correct answer: The practice of smoking the trees like mango, commonly emplyoed in Phillippines in order to produce off-season crop is referred to as:

a) Bending

b) Pollarding

c) Smudging

d) Coppicing

(iv) Show the correct answer: Bending of branches is widely practiced in the Deccan for increasing fruit production of which crop?

a) Mango

b) Guava

c) Grape

d) Citrus

(v) The practice of partial ringing of a branch above a dormant lateral bud in order to increase the yield of fig trees in Pune region of Maharasthra is summarized as:

a) Ringing

b) Notching

c) Pinching

d) Scoring

(vi) Show the correct answer: Fruit buds borne terminally and unfold to produce inflorescence without leaves is commonly seen is which fruit crop?

a) Mango

b) Guava

c) Apple

d) Grapes

(vii) Show the correct answer: Fruit buds borne terminally and unfold to produce leafy shoots that terminate in to flower clusters is commonly seen in which fruit crop?

shoots with flowers or flower cluster	b) Guava d) Grapes borne terminally and unfold to produce leafy s in the leaf axils is commonly seen in which fruit
crop? a) Mango c) Apple	b) Guava d) Grapes borne laterally unfolding to produce flower parts
 a) Mango c) Apple (x) Show the correct answer: Fruit buds terminating in flower clusters is come 	b) Guava d) Papaya borne laterally unfolding to produce leafy shoots monly seen in which fruit crop?
	b) Guava d) Grapes borne laterally unfolding to produce leafy shoots commonly occurred in which fruit crop?
 a) Fig c) Walnut (xii) Show the correct answer: Fruit buds I to produce infloresnce terminally is contact. 	b) Guava d) Grapes borne both terminally and laterally but unfolding ommonly occur in which fruit crop?
 a) Fig c) Walnut (xiii) Show the correct answer: Fruit buds a is commnly occur in which fruit crop? 	b) Guava d) Grapes always borne adventitiously in old trunk or, shoots
 a) Fig c) Jack Fruit (xiv) The system of training in which the m height and the leader stem is pruned summarized as: 	b) Mango d) Grapes ain stem is allowed to grow only upto a certain to encourage scaffold branches production, is
 a) Modified Leader System of Training c) Open Centre System of Training (xv) The system of training in which a fruit from the surface of the soil to the top 	b) Central Leader System of Training d) None of these tree is trained to form a trunk which extends of the tree, is summarized as:
 a) Modified Leader System of Training c) Open Centre System of Training (xvi) Show the correct answer: Bower system cultivation of which group of vegetable 	b) Central Leader System of Training d) None of these em of training is generally followed for the
a) Solanaceous vegetablesc) Bulbous vegetables(xvii) Show the correct answer: Open Centre	b) Cruciferous vegetables d) Cucurbitaceous vegetables e System of Training is also known as:
a) Vase-shaped System of Trainingc) Espalier System of Training	b) Head System of Training d) Telephone System of Training over in the shade trees in order to permit more
a) Loppingc) Coppicing(xix) The practice of removing the growing branches, is summarized as:	b) Pollarding d) Bending point in shade trees in order to encourage side
a) Lopping c) Coppicing	b) Pollarding d) Bending

(xx) Show the correct answer: The mindeterminate types of tomato:	ost common method of training system for	
a) Multiple stem trainingc) Central Leader System	b) Signle stem trainingd) Open Center System	
	Group-B	2.5 x
(She	ort Answer Type Questions)	10=25
 Discuss the practice of High Density Explain the term- Hi-tech. Horticult Explain the term-Soil Solarization. Explain the term- Integrated Nutrie Explain the term-Plasticulture. Explain the term- Micropropagation Explain the term- Integrated Pest M 	r successful canopy management in mango. Planting in mango. ure. Int Management (INM). I. I	(2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5)
	Group-C	
(Lo	ng Answer Type Questions)	5 x 1=5
	di-tech. horticulture holds significant importanc ogical innovation and efficiency"- Justify the co OR	
	os plays a crucial role in achieving successful crodation for plant growth and development"- Jus	
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