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Paper ID: GHT001 **Course Code:** GC-HT-01T

Examination (January - 2024)
Certificate/ Diploma (Semester-I)
Programme in Horticulture
Horticulture - I

Time Allowed: 2 Hours **Max.Marks: 70**

Instructions for the Students

1. The question paper shall consist of 70 Multiple Choice questions.
2. All questions are compulsory. Each question carries 1 mark.
3. There will be no negative marking.

Q1. Fruit is ideal food for convalescing patient because? a) It contain less fat b) It is easily digestible c) It is rich in protein d) It has natural hormones	Q2. In India, which of the following fruit has highest production? a) Mango b) Citrus c) Banana d) Grapes
Q3. Which of the following fruit is good for curing diabetes? a) Jujube b) Date palm c) Apple d) Jamun	Q4. What is the active ingredient contributing to the medicinal value of bael? a) Annonine b) Ficin c) Marmelosin d) Squamosine
Q5. The deficiency of which one of the following elements causes die-back in citrus? a) Copper b) Cobalt c) Manganese d) Magnesium	Q6. Richest source of vitamin 'A' is a) Ripe mango fruit b) Carrot root c) Ripe papaya fruit d) Ripe tomato fruit
Q7. The edible part of pomegranate is a) Thalamus b) Aril c) Mesocarp d) Endocarp	Q8. Granulation is physiological disorder of a) Jamun b) Jujube c) Guava d) Citrus
Q9. Which among the following is major cause for spreading citrus decline? a) Citrus nematodes b) Burrowing nematodes c) Nutritional deficiency d) Fungal disease	Q10. Plant hormone which is used for controlling fruit drop a) Auxin b) Cytokinin c) Ethylene d) Gibberellins
Q11. India contribute following percentage of mango production of world a) 10 % b) 20 % c) 56 % d) 80 %	Q12. The class of plant bio-regulator commercially used in grape production a) Auxin b) Gibberellin c) Cytokinin d) Ethylene
Q13. Little leaf of mango is caused by the deficiency of	Q14. Horticulture has been derived from hortus, which

which element? a) K b) P c) Cu d) Zn	is a) Latin b) German c) Italic d) French
Q15. How panama disease of banana can be prevented? a) Spraying copper fungicide b) Spraying zinc carrier c) Application of lime to soil d) Providing adequate irrigation	Q16. Which of the following is correct schedule for fertilizer application in banana? a) Planting to bunch emergence b) Bunch emergence to harvest c) Planting to harvest d) Before planting
Q17. Exanthema disease in citrus is caused due to the deficiency of a) Copper b) Zinc c) Boron d) Iron	Q18. 1.5 g of IBA dissolved in 500 ml of 50 % alcohol give what concentration? a) 500 ppm b) 1500 ppm c) 3000 ppm d) 6000 ppm
Q19. Mottle leaf in citrus is due to the deficiency of which element? a) Copper b) Iron c) Boron d) Zinc	Q20. Zinc deficiency in grapes causes a) Straggly cluster b) Bud killing c) Berry drop d) Shrivelling of berry
Q21. Chicken and Hen disorder in grapes is due to the deficiency of which element? a) Iron b) Boron c) Magnesium d) Zinc	Q22. Fruit cracking in litchi can be controlled by spraying a) 0.5 % KNO_3 b) 0.4 % Borax c) 0.5 % $ZnSO_4$ d) 0.4 % CaO
Q23. Kagzhi lime is an indicator plant for a) Greening b) Exocortis c) Citrus canker d) Tristeza	Q24. In India, banana contributes following percentage of total fruit production? a) 11 % b) 31 % c) 61 % d) 81 %
Q25. Internal cork of apple is due to the deficiency of a) Zinc b) Iron c) Boron d) Copper	Q26. 'Kaurene' serves as a precursor for biosynthesis of which growth regulator? a) Auxin b) Cytokinin c) Cycocel d) Gibberellins
Q27. The most suitable C/N for the growth and productivity is concerned a) CCC/NN b) CCC/N c) C/NNN d) CC/NNN	Q28. Calyx end rot is a disorder due to the deficiency of calcium and is observed in which crop? a) Guava b) Pear c) Persimmon d) Apple
Q29. Which fruit is known as fruit of new world? a) Fig b) Avocado c) Sapota d) Persimmon	Q30. Iron deficiency in plant is characterised by a) Intervenial chlorosis of old leaves b) Little leaves c) Mottling of leaves d) Yellowing of new leaves
Q31. Granulation in citrus can be controlled by a) Lead arsenate	Q32. Guava is rich in a) Pectin

b) Urea c) Copper oxide d) KNO_3	b) Carbohydrates c) Protein d) Iron
Q33. The chief active ingredient of bael with medicinal value a) Annonine b) Marmelosin c) Ficin d) Squamosine	Q34. Gibberellins enhances the sugar level of fruits through its action on a) Decreased acid content b) Increased acid content c) Decreased amylase activity d) Increased amylase activity
Q35. USA stands at which position in total vegetable production? a) 1^{st} b) 2^{nd} c) 3^{rd} d) 4^{th}	Q36. Which of the following is the leading vegetable crop regarding the production? a) Cabbage b) Potato c) Onion d) Brinjal
Q37. Pusa Katki is a variety of which crop? a) Cauliflower b) Bottle guard c) Bitter guard d) Brinjal	Q38. Application of ethrel @ 200-300ppm at two leaf stages and four leaf stages suppresses male flowers in which crop? a) Bottle guard b) Squashes c) Pumpkins d) All the above
Q39. Which of the following is used as androcide in okra? a) GA_3 b) MH c) NAA d) 1-MCP	Q40. Which of the following organisms are most destructive in the vegetable crops? a) Fungus b) Bacteria c) Virus d) Nematodes
Q41. Which of the following is the winter season crop? a) Broad bean b) Lima bean c) French bean d) Cluster bean	Q42. What is the edible part of most of summer season vegetable crop? a) Fruit b) Stem c) Leaf d) Root
Q43. Which of the following most commercial method for sowing beat root? a) Plating tubers b) Transplanting c) Direct sowing d) Planting rhizomes	Q44. Which of the following is used as gametocide for onion? a) GA_3 b) IAA c) NAA d) MH
Q45. Which of the following is the day neutral crop? a) Radish b) Lettuce c) Cabbage d) Tomato	Q46. Anthesis in which of the following cucurbits takes place in the evening? a) Cucumber b) Bottle gourd c) Sponge gourd d) Muskmelon
Q47. Solasodine is present in which of the following crop? a) Tomato b) Brinjal c) Onion d) Garlic	Q48. Scooping is the practice that facilitates bolting in which vegetable crop? a) Cabbage b) Brussels sprout c) Cauliflower d) Broccoli
Q49. Who transmit the problem of little leaf of brinjal? a) Fly	Q50. Which of the following physiological disorder is not associated with nutrient excess/deficiency?

b) Leaf hopper c) White fly d) Seed	a) Catface b) Blossom end rot c) Fruit cracking d) Flower drop
Q51. Which of the following is the deep rooted crop? a) Tomato b) Onion c) Garlic d) Cabbage	Q52. Brown heart of turnip is caused by the deficiency of which element? a) Fe b) Ca c) Mg d) B
Q53. Black leg in potato is caused by which of the following? a) Fungus b) Virus c) Bacteria d) MLOs	Q54. Which of the following is responsible for splitting in carrot? a) B deficiency b) Moisture imbalance c) Ca deficiency d) Zn deficiency
Q55. Which of the following nutrient element effect sex expression in pumpkin? a) B b) Ca c) Fe d) n	Q56. Mg deficiency is responsible for which of the following? a) Browning b) Hollow stem c) Chlorosis d) Whiptail
Q57. “Pencil strip” is physiological disorder of celery due to the deficiency of which element? a) Phosphorus b) N_2 c) Calcium d) Potassium	Q58. Which PGR is recommended for fruit set at high temperature in tomato? a) Auxin b) Abscisic acid c) Gibberellins d) Auxin
Q59. Which organ of the chilli is richest in pungency? a) Seed b) Dissipemant c) Pericarp d) Leaves	Q60. Which is the edible portion of cabbage? a) Curd b) Swollen stem c) Head d) Roots
Q61. 100 g rose fruit syrup will contain how much ascorbic acid? a) 10 mg b) 50 mg c) 100 mg d) 150 mg	Q62. Roses with what stem length are preferred in these days? a) 30 cm b) 50 cm c) 80 cm d) 100 cm
Q63. Bagh-e-Wafa and Bagh-e-Kakan gardens were developed by a) Jahagir b) Shah Jahan c) Akbar d) Fadai Khan	Q64. Botanical name of Dahlia is a) *Dahlia imperialis* b) *Dahlia Coccinea* c) *Dahlia variabilis* d) *Dahlia merckii*
Q65. Flower used maximum in India for cut flower? a) Jasmine b) Chrysanthemum c) Dahlia d) Rose	Q66. Journal of ornamental horticulture is released from a) IIHR Bangalore b) IARI, New Dehli c) CIMAP, Lucknow d) ICAR, New Dehli
Q67. Rose flowers are harvested for long distance market a) First petal unfurled	Q68. Growing of annuals as a ground cover are very a) Cheap b) Moderate costly

b) 4-5 petals unfurled c) 5-10 petals unfurled d) 8-10 petals unfurled	c) Very costly d) Not costly
Q69. Most common method of planting lawn in our country a) Seed b) Turfing c) Dibbling d) Hydraulic turfing	Q70. Daffodil is which type of plant? a) Corm b) Rhizomatous c) Tuberous d) Bulbous