



**GANDHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, ODISHA, GUNUPUR
(GIET UNIVERSITY)**

M. Sc. (Hort.) (First Semester - Regular) Examinations, February – 2025

FSC-502 - Sub-Tropical and Temperate Fruit Production

(Fruit Science)

Time: 2 hrs

Maximum: 50 Marks

Answer ALL questions

(The figures in the right hand margin indicate marks)

PART – A

(2 x 5 = 10 Marks)

Q.1. Answer **ALL** the questions

	CO #	Blooms Level
a. Define Veneer grafting	CO1	L1
b. Root stocks of pomegranate	CO2	L2
c. Wine varieties of grapes	CO1	L2
d. Define Fruit thinning	CO2	L1
e. Propagation methods of straw berry	CO4	L1

PART – B

(6x 5=30 Marks)

Answer **ANY SIX** questions

	CO #	Blooms Level
2. Write about pollination techniques in temperate crops.	CO2	L6
3. Write about cultivation practices followed in strawberry along with varieties.	CO1	L2
4. Discuss about telephonic and pandal system of training in grapes	CO2	L2
5. Discuss about Maturity, harvesting and yield of peach.	CO3	L1
6. Differentiate training and pruning. Write the advantages of training and pruning.	CO4	L2
7. Write about cordon system of training in peach.	CO4	L5
8. Discuss about propagation and planting and harvesting of apple.	CO2	L2
9. Discuss about training methods followed in apple.	CO1	L4

PART – C

(10x 1 = 10 Marks)

Answer **ANY ONE** question

	CO #	Blooms Level
10. Define orchard. Discuss about systems of planting followed in orchard along with diagrams?	CO2	L5
11. List out and discuss different training methods followed in grapes along with diagrams.	CO4	L3
12. Define subtropical crops. Mention the rootstocks used for citrus, pomegranate and grape.	CO2	L4

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