

Reg. No. :

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Question Paper Code: 59A73

B.E. / B.Tech. DEGREE EXAMINATION, DEC 2020

Open elective

Civil Engineering

15UAG973- FUNDAMENTALS OF HORTICULTURE

(Common to CSE, ECE, EEE, Mechanical, IT, Chemical, BME)

(Regulation 2015)

Duration: 1.15 hrs

Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

(Answer any six of the following questions)

1. _____ refers to cultivation of vegetables CO1- R
(a) Floriculture (b) Plantation crops (c) Olericulture (d) Vermiculture
2. Walnut is the source of _____ CO1- R
(a) Vitamin A (b) Vitamin K (c) Vitamin C (d) Vitamin D
3. Generally____ and crumb structure are most preferred for fruit n crops CO2- R
(a) Clay soils (b) Loamy soils (c) Black soils (d) Red soils
4. A plant which grows normally at sea level will grow slowly in the mountains CO2- R
(a) Lacatan (b) Snapdragon (c) Mirabilis (d) Balsam
5. The marking of position of the plant in the field is referred as CO3- R
(a) Planning (b) Layout (c) Management (d) Participant
6. In the _____ system, plant to plant and row to row distance is the same CO3- R
(a) Square (b) Rectangular (c) Hexagon (d) contour system
7. A plant with stamens and carpels in different flowers on the same plant is CO4- R
(a) Dioecious (b) Heterostyly (c) Monoecious (d) Dichogamy
8. If the stamens ripe before thestigmas become receptive the flowers are known as CO4- R
(a) Pistils (b) Protogynous (c) Protogyny (d) Protoandrous
9. Some of those tools are very expensive and are found in specific shops CO5- R
(a) Belt conveyor (b) Screw conveyor (c) Vibrating conveyor (d) Chain conveyor

10. _____ can provide an air lock between upstream and downstream CO5- R equipment.

(a) Blender

(b) Blancher

(c) Kneader

(d) Screw conveyors

PART – B (3 x 8= 24 Marks)

(Answer any three of the following questions)

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| 11. Discuss the scope and importance of horticulture | CO1- U | (8) |
| 12. Explain soil analysis in terms of its physical and chemical attributes. | CO2- U | (8) |
| 13. List out the guidelines in planning a nutrition garden. | CO3- U | (8) |
| 14. Discuss the methods of Training of horticultural crops. | CO4- U | (8) |
| 15. Describe about the bucket elevator its types and functions. | CO5- U | (8) |