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Question Paper Code: 53A06

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

Third Semester

Agricultural Engineering

15UAG306 - PRINCIPLES AND PRACTICES OF CROP PRODCUTION

(Regulation 2015)

Duration: 1:15hrs

Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

(Answer any six of the following questions)

1. The tillage operation done in a land with standing water is called CO1- R
(a) Puddling (b) Harrowing (c) Ploughing (d) Weeding
2. _____ is a secondary tillage implement CO1- R
(a) Chisel plough (b) Disc plough (c) Harrow (d) Mould board plough
3. _____ is a bio fertilizer CO2- R
(a) Rhizobium (b) Potash (c) Sodium Nitrate (d) Urea
4. _____ irrigation method is suitable for tea CO2- R
(a) Flood (b) Trench (c) Sprinkler (d) Furrow
5. Transplanting is essential for CO3- R
(a) Moringa (b) Paddy (c) Cotton (d) Groundnut
6. _____ pulse crop is suitable for rice fallow pulse crop cultivation also called relay crop. CO3- R
(a) Maize (b) Black gram (c) Wheat (d) Sorghum
7. Sorghum is a ____ crop CO4- R
(a) Cash (b) Millet (c) Horticulture (d) Cereal
8. Acid delinting is done in _____ seeds CO4- U
(a) Jatropa (b) Sugar beet (c) Cotton (d) Sunflower

9. High density planting is more popular in CO5- R
(a) Papaya (b) Onion (c) Mango (d) Rice
10. Pruning is required for this crop CO5- U
(a) Papaya (b) Mango (c) Chillies (d) Tomato

PART – B (3 x 8= 24 Marks)

(Answer any three of the following questions)

11. Explain the external and internal factors that affects crop growth. CO1- U (8)
12. Explain about different methods of irrigation. CO2- U (8)
13. Write the package of practices for rice cultivation. CO3- U (8)
14. Describe the package of practice followed in sugarcane. CO4- U (8)
15. Discuss the importance of green house cultivation in Tamil Nadu. CO5- U (8)