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Question Paper Code: 93A06

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

Third Semester

Agriculture Engineering

19UAG306 – PRINCIPLES AND PRACTICES OF CROP PRODUCTION

(Regulation 2019)

Duration: One hour

Maximum: 30Marks

PART A - (6 x 1 = 6 Marks)

(Answer any six of the following questions)

1. Example for external factor affecting the crop production _____ CO1- R
(a) Climate (b) Edaphic (c) Biotic (d) All of the above
2. The optimum temperature for rice production _____ CO1- R
(a) 28° (b) 30° (c) 32° (d) 35°
3. The optimum temperature for crop production _____ CO2- R
(a) 20-28° (b) 25-30° (c) 20- 32° (d) 20- 35°
4. How many agro-climatic zones in india CO2- R
(a) 10 (b) 15 (c) 20 (d) 17
5. Pulses contain higher amount of _____ CO3- R
(a) Fat (b) Protein (c) Vitamins (d) All of the above
6. Which crop called poor man ghee _____ CO3- R
(a) Red gram (b) Black gram (c) Groundnut (d) Sesame
7. MCU is the variety of _____ CO4- R
(a) Cotton (b) Rice (c) Sugarcane (d) Maize
8. Example for bio-fuel crop _____ CO4- R
(a) Cotton (b) Jatropha (c) Groundnut (d) Maize
9. Spacing of papaya CO5- R
(a) 2m x 2m (b) 4m x 4m (c) 4m x 5m (d) 5m x 4m
10. Spacing of sapota CO5- R
(a) 2m x 2m (b) 8m x 8m (c) 4m x 5m (d) 5m x 4m

PART – B (3 x 8= 24 Marks)

(Answer any three of the following questions)

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| 11. Explain the factors affecting the crop production. | CO1- U | (8) |
| 12. Explain the atmospheric and its classification. | CO2- U | (8) |
| 13. Write the package and practices of black gram cultivation. | CO3- U | (8) |
| 14. Discuss the production practices of jatropha. | CO4- U | (8) |
| 15. Justify the importance of green house cultivation. | CO5- U | (8) |