

School of Agriculture

Agriculture
ETE - Jun 2024

Time : 3 Hours

Marks : 100

Sem IV - A1UA407B - Introductory Agro-Meteorology and Climate Change

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

1. Compare meteorology and agricultural meteorology. K1 CO1 (5)
2. Outline the agroclimatic zones of Uttar Pradesh. K2 CO1 (5)
3. How would you relate agrometeorology with agriculture? K1 CO1 (5)
4. Illustrate the scope and role of agrometeorology in agriculture. K2 CO1 (10)
5. Plan climatic normal for the cultivation of wheat crop. K3 CO2 (10)
6. Give a list of at least 10 agrometeorological instruments. K4 CO5 (10)

OR

- Classify and provide details about drought. Also suggest management practices for the same. K4 CO5 (10)
7. Identify the causes of variation in atmospheric temperature. K3 CO2 (10)
 8. Explain the methods to develop the artificial rainfall. K3 CO2 (15)
 9. Explain the relationship of Indian agriculture and monsoon. Why it is considered as backbone of Indian agriculture. K4 CO3 (15)
 10. Justify that climate change is a major problem for agriculture as well as for livestock and human being. K5 CO4 (15)

OR

- What is your opinion about climatic normal and how it is helpful in agriculture and livestock? K5 CO4 (15)