

Model questions for fundamentals of agronomy external practical

Total marks 30

Time 30 min

Note- 6 questions will be given which carries 5 marks each

1. Find the amount of Urea, SSP and MOP required for Maize crop in 1ha area if the recommended dose of nutrient is 100-30-9300 kg N, P₂O₅, K₂O/ha.
2. Find the yield of Rice in 1ha area, if the no of effective tillers/plant-25, no of grains/panicle-180, test wt of rice- 22g, spacing 25cm x 20cm.
3. Find the amount of Stomp 30EC herbicide required for spraying the green gram crop of 2 ha if the recommended dose of Pendimethalin is 2.75kg ai/ha.
4. Find the amount of Urea, SSP and MOP required for Maize crop in 1ha area if the recommended dose of nutrient is 180-40-90 kg N, P₂O₅, K₂O/ha.
5. Find the yield of Maize in 1ha area, if the no cobs/plant- 2, no of rows/cob- 15, no of grains/row- 35, test wt of maize- 220g, spacing 50cm x 20cm.
6. Find the amount of Atrataf 50 WP herbicide required for spraying the maize crop of 2 ha if the recommended dose of Atrazine is 3.5 kg ai/ha.
7. Write the major agroclimatic zones of India.
8. Write the scientific name of any of the following crops (5 crops will be given).
9. List out few tillage implements with their usage.
10. List out few cereal crops, pulse crops, oil seeds, fibre crops.
11. List out few fungicides, insecticides, and weedicides