



KERALA AGRICULTURAL UNIVERSITY
B.Tech.(Food Technology) 2023 Admission
I Semester Final Examination – February 2024

Beas.1103

Crop Production Technology (2+1)

Marks: 50
Time: 2 hours

I Fill in the blanks

(10x1=10)

1.is the largest rice growing country in the world.
2. Total seedbed area required for raising nursery of rice is% of total area to be grown.
3.is critical stage of irrigation for wheat crop.
4. Blackgram seed contains% protein.
5. Seed rate of spreading type of groundnut varieties iskg/ha.

Match the following

Crop	Seed rate
6. Tomato	(a) 10-12 kg/ha
7. Chili	(b) 350-400 g/ha
8. Onion	(c) 100 kg/ha
9. Wheat	(d) 1.0-1.5 kg/ha
10. Cabbage	(e) 500-750 g/ha

II Write short notes on ANY FIVE of the following

(5x2=10)

1. Define relay cropping with example.
2. Classify the crop based on ontogeny.
3. Define weed and weed control.
4. Write the critical stage of irrigation for Wheat crop.
5. Define basal application and top dressing of fertilizer.
6. Write seed rate and spacing of Cowpea and Green gram.
7. Write the irrigation management of Sugarcane.

III Answer ANY FIVE of the following

(5x4=20)

1. Write the nutrient and irrigation management of Sesame crop.
2. Write the maturity indices for Banana and Guava.
3. Write major varieties and method of sowing of Pepper and Cardamom.
4. Write about nursery raising and management of Onion crop.
5. Define tilth and write method of tillage.
6. Write about sowing time, spacing, varieties and maturity index of Elephant footyam.
7. Write about method of sowing and fertilizer management of Bottle gourd and Bitter gourd.

IV Write an essay on ANY ONE of the following

(1x10=10)

1. Write the production technology of Groundnut crop.
2. Write the production technology of Mango crop.
