



KERALA AGRICULTURAL UNIVERSITY
B.Tech.(Food Technology) 2021 Admission
I Semester Final Examination - May 2022

Beas.1103

Crop Production Technology (2+1)

Marks: 50
Time: 2 hours

I Fill in the blanks

(10x1=10)

1. The main objective of puddling paddy field is _____.
 2. Inflorescence of coconut is called _____.
 3. Ground nut having which type of germination _____.
 4. Yearly sequence and special arrangement of crops and fallow on a given area is called _____.
 5. The upper limit of the optimum soil moisture range is _____.
 6. Oldest and most common method of irrigation is _____.
 7. White eye deficiency is found in which crop _____.
- Answer the following**
8. How much area required for raising Mat nursery?
 9. In which form of nitrogen aerobic rice prefer for absorption?
 10. In which crop nira is prepared?

II Write short notes on ANY FIVE of the following

(5x2=10)

1. Mixed cropping Vs Inter cropping
2. How to reduce the HCN content in tapioca fresh tubers?
3. Mention the key principles of SSI in sugarcane.
4. What are the different methods of weed control?
5. Zero tillage
6. Which type of suckers should be selected for planting banana?
7. Propagation methods of cardamom.

III Answer ANY FIVE of the following

(5x4=20)

1. Write in detail about the constraints in pulse production.
2. Write in detail about the peg formation in ground nut.
3. Define critical period for crop-weed competition with suitable example.
4. Mention the maturity symptoms of cucurbits for harvest.
5. Mention the tools used in manual preparation of land and intercultural operations for the cultivation of vegetable crops.
6. Work out the cost of cultivation for black gram in 1 ha with the following details
Labour cost: Rs.400 for one working days
Grain cost: Rs.70
Fertilizer cost as per your KAU
7. Elaborately discuss the curing, drying and colouring of turmeric.

IV Write an essay on ANY ONE of the following

(1x10=10)

1. Elaborately discuss the production technology of pepper.
2. Elaborately discuss methods of irrigation for vegetable cultivation.
