



**KERALA AGRICULTURAL UNIVERSITY**  
**B.Tech.(Food Technology) 2022 Admission**  
**I Semester Final Examination – March 2023**

**Beas.1103**

**Crop Production Technology (2+1)**

**Marks: 50**  
**Time: 2 hours**

**I Answer the following**

**(10x1=10)**

1. What is the ideal spacing for Nendran banana?
  2. What is mixed cropping?  
**Fill in the blanks**
  3. Cricket ball is a variety of \_\_\_\_\_.  
**Choose the Correct Answer**
  4. Which among the following is the variety of Aonla?
    - (a) BRS-1
    - (b) Bangalore
    - (c) Neelam
    - (d) P-23
  5. Poor man's apple is
    - (a) Sapota
    - (b) Pomegranate
    - (c) Mango
    - (d) Guava
  6. A hybrid banana developed from Kerala Agriculture University
    - (a) CO-1
    - (b) Gold finger
    - (c) BRS-1
    - (d) Udayam
  7. In crop rotation, leguminous crops should be grown after .....
    - (a) non- leguminous crops
    - (b) crops with tap roots
    - (c) crops with fibrous roots
    - (d) None of the above
  8. Seed rate of bitter gourd is .....
    - (a) 1-2 kg ha<sup>-1</sup>
    - (b) 3-4 kg ha<sup>-1</sup>
    - (c) 5-6 kg ha<sup>-1</sup>
    - (d) None of the above
  9. Ratooning is associated with which crop?
    - (a) Tapioca
    - (b) Sugarcane
    - (c) Green gram
    - (d) Chilli
- State True or False**
10. Seed rate for transplanted paddy is 60-85 kg ha<sup>-1</sup>.

**II Write short notes on ANY FIVE of the following (5x2=10)**

1. What is inter cropping? Why is it done?
2. Fertilizer recommendations of a matured Aonla plant.
3. Manuring of wet land paddy
4. Name two varieties of sugar cane.
5. Managing drought in coconut gardens
6. Manuring in tomato
7. Harvesting of sesame.

**III Answer ANY FIVE of the following (5x4=20)**

1. Write a brief note on the spacing, planting, manuring and irrigation in mango.
2. Give a brief note on the crop production technology for cardamom.
3. Write a short note on the crop production of sugarcane.
4. Write a short note on the crop production of sweet potato.
5. Write a short note on the crop production of green gram.
6. Write a short note on the crop production of pepper.
7. Write a brief note on the spacing, planting, manuring and irrigation in chilli.

**IV Write an essay on ANY ONE of the following (1x10=10)**

1. Explain the detailed crop production technology for banana.
2. Give a note on the crop production technology for ginger and turmeric.

\*\*\*\*\*