



KERALA AGRICULTURAL UNIVERSITY
B.Tech.(Food Technology) 2020 Admission
V Semester Final Examination – February 2023

Pafe.3125

Food Plant Sanitation (1+1)

Marks: 50
Time: 2 hours

I Answer the following

(10x1=10)

1. Name a fumigant that shows adverse effect on seed germination.
2. Give full form of BOD,COD.
3. What is the third phase of bacterial growth?
4. Full form of FOG.
5. What is saponification?
6. Which microorganism cause common cold?
7. Full form of SQC.
8. How much iodine sanitizer should be incorporated in a hand dip for seafood plants?
9. Which spore forming bacteria involve in the spoilage of brewery by product?

Fill in the blanks

10. The depth of aerobic lagoons varies from..... to

II Write short notes on ANY FIVE of the following

(5x2=10)

1. Mention the suggestion for the valuable sanitation program.
2. What is the role of pest management in bio-security?
3. What is pheromones?
4. What are advantage of anaerobic lagoons?
5. Define GMP.
6. How does fermentation control the microbial growth?
7. What is carbuncle?

III Answer ANY FIVE of the following

(5x4=20)

1. Basic concept of HACCP
2. Describe about the water conservation in beverage industry.
3. Explain steam and hot water sanitisation in dairy industry.
4. Explain in detail the precaution when applying pesticides by nation restaurant association education foundation.
5. Describe about the waste disposal.
6. Explain the personal hygiene measures adopted in food processing plants.
7. What is the function of sand filter and microstrainers?

IV Write an essay on ANY ONE of the following

(1x10=10)

1. Give a detail explanation about the sea food plant sanitation.
2. Outline the sanitary design and construction for any food processing plant. Explain in detail.
