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Total No. of Pages : 02

Total No. of Questions : 18

B.Tech. (Food Technology) (2018 Batch) (Sem.-3)

FOOD HYGIENE AND PLANT SANITATION

Subject Code : BTFT-306

M.Code : 76994

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A**Answer briefly :**

- Q1. What is the importance of positive air pressure in a food plant?
- Q2. What is the best way to reduce contamination from food equipment?
- Q3. What is the function of sand filters and microstrainers?
- Q4. How cockroaches are best controlled?
- Q5. What are the merits of integrated pest management?
- Q6. What is the difference between detergents and sanitizers?
- Q7. Which two acid cleaning compounds are considered to be among the safest to use?
- Q8. What is osmosis, osmotic pressure and reverse osmosis?
- Q9. What is coagulation? Discuss several kinds of coagulant agents used in water purification.
- Q10. Classify the extraneous materials present in food.

SECTION-B

Q11. What site selection considerations should be adopted when building a food facility?

Q12. Write a short note on food contamination by :

a. *Listeria monocytogenes*

b. *Vibrio cholerae*

Q13. Briefly describe two methods of primary treatment of wastewater.

Q14. What are the factors affecting cleaning of food plants? Differentiate between CIP and COP.

Q15. What are the major organic and inorganic impurities present in water?

SECTION-C

Q16. What is the need for maintenance of hygiene of food? How it can be ensured in rural areas while food preparation? What are the general principles of food hygiene?

Q17. What is disinfection? Enlist several disinfecting agents along with their working principle.

Q18. Discuss the different sanitary aspects of waste disposal.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.