



ASSIGNMENT SET – 10

Mugberia Gangadhar Mahavidyalaya

Department of Nutrition

B.Sc Hon. (CBCS)

Semester-IV

Paper Code: -CC9 (Food Microbiology)

1. Define generation time. Prove that bacterial mean growth rate constant is reciprocal to bacterial mean doubling time.
2. Discuss the growth cycle.
3. Write about Nutritional Requirement of Microorganism.
4. Describe the microbes analysis for isolation method.
5. Write the physical method of sterilization process?
6. Write down the extrinsic factor of water activity?
7. State different factors responsible for food spoilage.
8. Discuss the pathophysiology of shigella sp.
9. Write the principal of HACCP. State it's role in maintaining food safety in industry.
10. What is GMP ? Write the principal of GMP.
11. Discuss the pathophysiology, mode of transmission of clostridium botulinum infection.
12. Discuss the different types of fermented foods and their dietary significance.
13. Write the short note of PH.
14. Discuss the pathophysiology of listeria monocytogenes.
15. What is solid waste management? Sources and methods of solid waste management.

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