

ASSIGNMENT SET-28

**Mugberia Gangadhar Mahavidyalaya**



**Department of Nutrition  
B.Sc.Hon(CBCS)  
Semester-V  
Paper Code:-DSE-1T**

- 1) Define sterilization in the context of cleaning and its significance in maintaining hygiene standards.
- 2) Explain the differences between sterilization and disinfection in cleaning practices.
- 3) Describe various sterilization methods commonly used in food and medical industries.
- 4) Discuss the importance of sterilization in healthcare settings for preventing infections.
- 5) Explain the principles behind heat-based sterilization methods and their effectiveness.
- 6) Describe chemical sterility used in healthcare and their application methods.
- 7) Discuss the role of UV light in sterilization processes and its applications.
- 8) Explain the concept of disinfection and its significance in controlling microbial growth.
- 9) Describe common disinfectants used in household and industrial cleaning.
- 10) Discuss the differences between antiseptics and disinfectants in their applications.
- 11) Explain the mechanisms of action for different disinfectants in eliminating pathogens.
- 12) Describe the factors influencing the selection of appropriate disinfectants for specific purposes.
- 13) Discuss the importance of proper dilution and application methods of disinfectants.
- 14) Explain the role of detergents in the cleaning process and their different types.
- 15) Describe the mechanisms by which detergents remove dirt and grease from surfaces.
- 16) Discuss the considerations when choosing detergents for different surfaces or materials.
- 17) Explain the significance of rinsing after using detergents or disinfectants.
- 18) Describe the challenges associated with developing and using eco-friendly cleaning products.