

Date: \_\_\_\_\_

M T W T F S

## Important Question Microbiology.

Q.1. Microbiology

- Definition, scope, History.

Q.2. Bacteria

- Definition, Basic structure

Q.3. Morphological classification of Bacteria.

Q.4. Difference B/w Gram positive and Gram Negative Bacterial cell wall.

Q.5 Write a Note on:

- i - Pathogenicity
- ii - Locomotion in Bacteria
- iii - Fluid mosaic model

Q.6 Method of Gram staining (Key to Success)

Q.7 Virus (Definition, shapes)

Q.8 Baltimore classification of viruses.



Q. 9. Culture media.

(Definition, Types, Note on Selective Media)

Q. 10. Bacterial Culture

(Definition, Techniques, Note on streak plate method)

Q. 11. Fungi. Four major divisions of Fungi.

Q. 12. Yeast. Importance of Yeast.

Q. 13. Fresh water microbiology & methods to minimize microbial contamination of Drinking water.

Q. 14. Air Borne Diseases. Transmission of air borne microorganism.

Q. 15. Water borne Diseases, Note on typhoid.

Q. 16. Short Note on -

i. Roles of soil biota ii Nitrogen cycle.

Q. Sterilization, methods of sterilization.

Q. Note on -

- i. Hot air oven.
- ii. Autoclaving
- iii. Advantages & disadvantages of Dry & wet heat sterilization.

Q. Antimicrobial agent.

Antiseptics, Disinfectants, Preservatives.

Q. Define Immunity and its types

Define Antigen and its types

Define Antibody and its types.

Q. Vaccine. Definition, types, important feature of ideal vaccine.

Q. Antiser, its types

Q. Difference B/w Antisera & Vaccines