**Assignment for viva**

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**Assignment microbiology**

**Semester 2nd**

Q1. Write the names and function of different equipments used in microbiology lab

Ans ; microbiology equipment. Include microscopes, slide, test tube, petridishes, growth mediums, both solid and liquid;inoculations loops, pipettes and tips' incubators' autoclaves and laminar flow hoods.

Q2. What are the different chemical and physical methods of sterilization and disinfection?

Ans ; sterilization mathods

physical methods

. Most heat in autoclave.

. Dry heat in ovens

. Gamma irradiation

. Filtration

. Plasma sterilization

chemical methods:

. EThylene oxide

. Glutaraldehy (high concentration)

Disnifiction method;

physical methods

. Boiling and pasteurisation

. UV radiation

chemical agents:

. Alcohols

. Aldehydes

. Helogens

. Phenols

. Surfactants

. Heavy metals

. Dyes

. Oxidants

The End

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