**B.Sc III, Botany, Sem. VI, Paper XIII (Microbiology)**

**{Sterilization methods, Types of culture media and Pure culture methods)**

1)……………….Process is essential to avoid contamination of microbes.

a) Destruction b) Sterilization c) Denaturation d) None of these

2)……………….is the physical agent for sterilization.

a) Alcohol b) Iodine c) Phenol d) Sunlight.

3) …………….is the method of sterilization by direct flaming.

a)Pasturization b)Incineration c) Tyndallization d) Filteration

4)…………….method of sterilization has developed by Louis Pasteur

a)Tyndallization b)Pasturization c)Incineration d) Filteration

5)………………method involves streaming of the material /medium for sterilization

a)Tyndallization b)Pasturization c)Incineration d) Filteration

6) The autoclave was defined by ………………….in 1884.

a) Louis Pasteur b) Tyndall c) chamberland d) None of these.

7) In autoclave sterilization takes places at the pressure …………………….

a) 15 Lb b) 16 Lb c) 12 Lb d) 18 Lb

8) The membrane filters are made up of……………………..

a) Cellulose b) Lipids c) Proteins d) Phenols

9) Non-ionising radiatons are……………………………..

a) X-rays b) Gamma rays c) cosmic rays d) UV rays

10) …………………….gas is used for fumigating wards, rooms ,laboratories ,furniture etc.

a)Glutaraldehyde b) Formaldehyde c) Glyceraldehyde d) None of these

11) …………………..dyes are active against gram +ve bacteria.

a) Aniline b)Aniline Acridine c) Chloride d) None of these.

12) ……………..is a process of destroying all forms of life.

a) Refrigeration b) Sterilization c) Synthetic d) Semi-synthetic

13) Natural media prepared by using natural materials whose ………………composition is unknown.

a) Physical b) Chemical c) Synthetic d) Semi-synthetic.

14) A culture containing only ……………………..species of micro organisms is called a pure culture.

a) Single b) double c) Triple d) None of these.

15) The culture media whose chemical composition is totally unknown is known as …………………culture media.

a) Synthetic b) Semi-synthetic c) Natural d) Chemical

16)…………………..is semi-synthetic culture media.

a) Agar b) peptone c) Lactose d) PDA

17)…………………..is used for solidifying the PDA media

a) Potato b) Agar c) Dextrose d) Sucrose

18) …………… method is used for the isolation of fungi and bacteria from soil,water or substrate .

a) pour plate b) streak plate c) Dilution d) Liquid culture

19)…………… method is adopted for blood culture and sterility test.

a) Sub culture b) Stab culture c) Liquid culture d) stock culture

20) ……………….. method is most common method used for cultivation of anaerobes.

a) Sub culture b) Stab culture c) Liquid culture d) McIntosh field Jar