



Second stage examination

Q1/A Define the following: (8Marks).

1. Microbiology:

2. culture medium:

4. Sterilization:

5. Germicide:

Q 1/B - What is the role of alcohol as disinfectant? (6Marks)

Q2/A – Circle the correct answer of the following? (10Marks).

1. the appearance of the outer edge of the colony.

- A. Elevation B. Margin C. Form**

2. Example of Simple Media.

- A. blood agar B. peptone water C. chocolate agar**

3. Temperature of the steam Autoclaving reaches.

- A. 121°C for 20 minutes B. 121°C for 20 second C. 121°C for 20 hour**

4. Removal or killing of disease causing microorganisms.

- A. Disinfectant B. Disinfection C. Antiseptics**

5. Hot air oven Used for Sterilization of.

- A. mouth of culture tubes B. Culture media C. Glass conical flask**

Q 2/B - What are the best method for sterilizing the following :(12 marks)

1. Bacteriological loops and needles.

2. Lab. Coat

3- Glass ware(Petridishes)

4- Media (nutrient broth)

5- Media containing heat sensitive material(enzyme)

6.milk

Q3/A- What are the forms of growth bacteria in liquid media? Explain only two (7marks)

Q3/B – What are the Physical methods by dry heat? Enumerate and Explain only one? (8Marks)

Q 3/C – What is autoclaving? (9 Marks)

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