



Second stage examination

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

1. Microbiology:

2. Colony morphology:

4. Sterilization:

5. Germicide:

Q1/B – What is the role of alcohol as disinfectant? (8Marks)

Q 2/A- Define Microscope? What are the function of the following parts in microscopic? (12 Marks)

1.Fine adjustment:

2.Light source:

3.Stage clips:

4.Arm:

5.Rotating objective:

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? (5 marks)

Q3/B – Circle the correct answer of the following? (8Marks).

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. Removal or killing of disease causing microorganisms.

- A. Disinfectant B. Disinfection C. Antiseptics

4. Optical properties.

- A. opaque B. circular C. entire

Q 3/C – What is autoclaving?(7 Marks)

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Assistant Lecture