



Practical Examination , 2nd Stage Students, 1st Semester 2020-2021

Maximum Marks: 50

Q1) Answer only (two) of the following branches (18 marks)

A. Aim;

1. What is the aim of serial dilution?
2. What is the aim of Pure Culture Techniques?

B. Why agar plates with “solid” culture media are incubated in the inverted position?

C. Why inoculating loops and needles, after flame, must be allowed to cool down before they are introduced into cultures?

Q2) A. Write the function of the following terms? (1- Autoclave and 2- Bunsen burner)

(10 Marks)

B. What are the IMViC series tests?

(10 marks)

Q3) Fill the following blanks:

(12 marks)

1. is a tool for transferring and streaking cultures.
2. Hot plate with magnetic stirrer is electrically powered equipment performs the dual function of and
3. is a device used to grow and maintain microbiological cultures or cell cultures.

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