

2203230201030001
EXAMINATION NOVEMBER 2024
POST GRADUATE DIPLOMA IN MEDICAL LABORATORY
TECHNOLOGY (FIRST SEMESTER)
MEDICAL MICROBIOLOGY (THEORY) - LEVEL 3

[Time: As Per Schedule]

[Max. Marks:70]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination : **POST GRADUATE DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY (FIRST SEMESTER)**
 - b. Name of the Subject : **MEDICAL MICROBIOLOGY (THEORY) - LEVEL 3**
 - c. Subject Code No : **2203230201030001**
2. Sketch neat and labelled diagram wherever necessary.
 3. Figures to the right indicate full marks of the question.
 4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Answer in one or two sentences each: (Any 7):

14

1. Name two pathogenic fungus causing Cutaneous Mycosis.
2. What is the causative agent of Malaria?
3. Give two examples of bacteria causing food poisoning.
4. What is BACTEK and VITEK?
5. What is the full form of SARS and HIV?
6. Define Jaundice. Give examples of viruses that can cause Hepatitis.
7. Describe the collection technique of CSF specimen for culture.
8. Define MIC& MBC.

Q.2 Answer in short any two of the following:

14

1. Antimicrobial susceptibility test by Disc Diffusion method.
2. Collection and transportation of "Blood, Vesicular Lesions and Eye specimens" for Viral Diseases.
3. Give different laboratory procedures for diagnosis of Mycotic Infections.

Q.3 Answer in short any two of the following: 14

1. Identification of Salmonella spp. by Morphological, Cultural and Biochemical characteristics.
2. Hospital Acquired Infection.
3. Laboratory diagnosis of UTI.

Q.4 Answer in short any two of the following: 14

1. Cultivation of viruses.
2. Causative agent and laboratory diagnosis: Dengue
3. Causative agent and laboratory diagnosis: AIDS

Q.5 Write short note on any two of the following: 14

1. Define Mycology. Describe Sub-cutaneous and Superficial Mycosis in details.
2. Laboratory diagnosis of Mycotic Infection.
3. Causative agent and laboratory diagnosis of Amoebic Dysentery.
