

2203230201030001
EXAMINATION FEBRUARY-MARCH 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. What is Chikungunya?
2. Name two pathogenic fungus causing sub-cutaneous mycosis.
3. What are various culture media that can be used for Antibiotic Susceptibility Test?
4. What is the causative agent of Diphtheria?
5. What is the full form of HBsAg?
6. What is Mycology?
7. Give two example of bacteria causing food poisoning?
8. Enlist the various specimen which can be used for diagnosis of viral infection.

Q.2 Answer in details on any two of the following: 14

1. Different factors affecting Antimicrobial Susceptibility Test results
2. Collection and transportation of "Blood, CSF and Eye specimens" for Viral Diseases
3. Collection, transportation and examination of Sputum and Urine clinical samples for Bacterial Disease

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

1. Identification of bacteria by Morphological and Biochemical characteristics: Streptococcus pneumoniae
2. Causative agent and Laboratory diagnosis of Tuberculosis
3. Hospital Acquired Infection.

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

1. Give outline of General Laboratory Diagnosis of Viral Infection
2. Laboratory Diagnosis of Hepatitis B
3. Laboratory Diagnosis of AIDS

Q.5 Answer in details on any two of the following: 14

1. Superficial Mycosis
2. Laboratory diagnosis of Mycotic Infection
3. Laboratory diagnosis of Amoebic Dysentery
