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RAN-2203230201030001

PGDMLT (Sem. - I) Examination March - 2025

PGDMLT - 1003 : Medical Microbiology

Time: 3 Hours]

[Total Marks: 70

સૂચના : / Instructions

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:
PGDMLT (Sem. - I)

Name of the Subject :
PGDMLT - 1003 : Medical Microbiology

Subject Code No.: 2203230201030001

Seat No.:

Student's Signature

- (2) Illustrate your answers with diagrams wherever necessary.
(3) Figures to the indicates the marks allotted to the questions.

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

14

1. What is the importance of transport media in diagnosis of bacterial disease?
2. Give two example of bacteria causing upper urinary tract infections.
3. Define: AST
4. Give causative agent and transmission mode of TB
5. What is the full form of AIDS and HIV?
6. What is Chikungunya?
7. Name two pathogenic fungus of medical importance.
8. Name causative agent of Malaria.

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

14

1. Give collection, storage, preservation and transportation of urine sample for microbiological examination.
2. Enlist types of specimens tested for diagnosis of viral infections of humans. Give Collection and transportation of Blood specimens for viral diseases.
3. Collection, transportation and examination of Stool clinical samples for Bacterial Disease.

RAN-2203230201030001]

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[P.T.O.]

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- Q. 3. Answer in short any two of the following: 14**
1. Identification of bacteria by Morphological and Biochemical characteristics:
Staphylococcus aureus.
 2. Causative agent and Laboratory diagnosis of Typhoid
 3. Give brief on types of Hospital Acquired Infection
- Q. 4. Answer in short any two of the following: 14**
1. General Laboratory Diagnosis of Viral Infection
 2. Laboratory Diagnosis of Hepatitis
 3. Laboratory Diagnosis of SARS
- Q. 5. Write short note on any two of the following: 14**
1. Cutaneous Mycosis
 2. Laboratory diagnosis of Mycotic Infection
 3. General Laboratory diagnosis of parasitic infection
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