


RAN-2203230201030001
P.G.D.M.L.T. (Sem. I) Examination March - 2026
P.G.D.M.L.T. 1003: Medical Microbiology
Time: 3 Hours]
[Total Marks: 70

સૂચના : / Instructions (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fill up strictly the above details on your answer book (2) Answer all the questions as per instruction given bellow. (3) Illustrate your answers with diagrams wherever necessary. (4) Figures to the right indicate full marks of the question.	Seat No.: Student's Signature
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- Q.1. Answer in one or two sentences each: (Any 7) 14**
1. Give details of viral transport media.
 2. How cervical specimen is collected?
 3. Which pathogen causes Diphtheria?
 4. What is CLABSI?
 5. What is the full-form of SARS and HIV?
 6. Dengue fever also known as breakbone fever. True or false?
 7. Which pathogen causes Amoebic Dysentery?
 8. Give two examples of pathogenic fungi.
- Q.2. Answer in short on any two of the following: 14**
1. Give details of collection, transportation and examination of Urine clinical specimens for culture.
 2. How to do collection, transportation and examination of Blood clinical samples for diagnosis of bacterial disease?
 3. What is AST? Give indications and general principle of this test
- Q.3. Answer in short on any two of the following: 14**
1. Identification of *Escherichia coli* by morphological, cultural and biochemical characteristics.
 2. Define HAI Give causes and risk factors of HAI
 3. Automated Method of bacterial identification in laboratory diagnosis.
- Q.4. Answer in short on any two of the following: 14**
1. What is diagnostic virology? Give general laboratory diagnosis of viral infections.
 2. Name causative agent and laboratory diagnosis of Chikungunya.
 3. AIDS laboratory diagnosis.
- Q.5. Write short note on any two of the following: 14**
1. What is Parasitology? Give details examination of blood for diagnosis of Malaria.
 2. Give general laboratory diagnosis of mycotic infection.
 3. Define mycology. Give details of superficial mycosis and sub-cutaneous mycosis.