


RAN-2603000506027001
T.Y.B.Sc. (Sem. VI) Examination March - 2026
MLT-MJ-602 : Medical Laboratory Technology : Diagnostic Virology
[Total Marks: 25
સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book.
- (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 short/one word. (Any 5) (05)

1. Mention any 2 basic approaches to diagnose a viral infection in laboratory.
2. Name the inclusion body seen in rabies.
3. Which virus causes COVID-19?
4. Expand the term AIDS.
5. The term Breakbone fever is associated with which illness?
6. HBV expresses which three important antigens?

Q. 2 Attempt any two in brief: (10)

1. Describe the methods used for cultivation of viruses.
2. Write a short note on mumps - etiological agent & lab diagnosis.
3. Discuss in brief the pathogenesis of Rabies.

Q. 3 Answer any two of following: (10)

1. Laboratory diagnosis of Chikungunya.
2. Write a short note on Hepatitis B.
3. Give an account of the causative agent of AIDS and describe its structure.