

**2003000205020071**  
**EXAMINATION FEBRUARY-MARCH 2024**  
**BACHELOR OF SCIENCE (FIFTH SEMESTER)**  
**MEDICAL LABORATORY TECHNOLOGY-XI (MLT-11-**  
**BACTERIOLOGY AND VIROLOGY) LEVEL-2**

[Time: As Per Schedule]

[Max. Marks:50 ]

**Instructions:**

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

- a. Name of the Examination: **BACHELOR OF SCIENCE (FIFTH SEMESTER)**
  - b. Name of the Subject: **MEDICAL LABORATORY TECHNOLOGY-XI (MLT-11-BACTERIOLOGY AND VIROLOGY) LEVEL-2**
  - c. Subject Code No: **2003000205020071**
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 on the following:**

**08**

- a) What are nosocomial infections?
- b) Name the vaccines used to prevent Tuberculosis. Mention its dose.
- c) What is a chancre?
- d) Elaborate AIDS. How is it transmitted?

**Q.2 Attempt any two the following:**

**14**

- a) Tetanus is a toxin mediated disease.
- b) Comment on the pattern of infectious disease in a population.
- c) Write a note on Rubella.

**Q.3 Write an essay on any one of the following by describing its Causative Agent, Pathogenesis, Laboratory Diagnosis and Prophylactic measures. 14**

a) Rabies

b) Cholera

**Q.4 Write short notes on any two of following: 14**

a) Antibiotic Sensitivity Testing.

b) Helicobacter infection.

c) Enteric fever.

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