

2103000206021101
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (SIXTH SEMESTER)
BIO SCIENCE (MICROBIOLOGY) PAPER - VI
(BS-601-MEDICAL MICROBIOLOGY & IMMUNOLOGY)
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 (SIXTH SEMESTER)**
 - b. Name of the Subject: **BIO SCIENCE (MICROBIOLOGY) PAPER - VI (BS-601-MEDICAL MICROBIOLOGY & IMMUNOLOGY) LEVEL 2**
 - c. Subject Code No: **2103000206021101**
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 Multiple choice question: (MCQs)

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1. Which of the following is an airborne disease?
 - a. Diphtheria
 - b. Whooping cough
 - c. Pneumonia
 - d. All
2. Which of the following is a gram - ve cocci?
 - a. Staphylococci
 - b. Streptococci
 - c. Neissiria
 - d. None
3. _____ a causative agent of Hepatitis.
 - a. HBV
 - b. HEV
 - c. HCV
 - d. All
4. _____ is food & water borne infection?
 - a. HBV
 - b. HEV
 - c. HCV
 - d. HAV

5. Which of the following is an example of worm?
 a. Balantidium b. Giardia
 c. Ascaris d. None
6. An example of human parasites ____
 a. Plasmodium b. Paramecium
 c. Pseudomonas d. None
7. Which of the following is agglutination test?
 a. Blood grouping b. Widal test
 c. Coomb's test d. All
8. Which of the following is an allergen?
 a. Fungal spore b. Pollen
 c. Animal dander d. All

Q.2 [A] Give Specific answers. 4

1. Elaborate STD with suitable example.
2. Enlist the reservoir of Rabies Virus.
3. Give any two examples of superficial Candidiasis.
4. Define Opsonization.

[B] Write short notes: (Any Two) 10

1. Lab diagnosis of UTI
2. Polio Vaccine
3. Toxin Neutralization

Q.3 Write an essay on - Cholera. 14

OR

Answer the question: 14

1. Write a detail note on Infectious Hepatitis.
2. Describe about Epidemiology & control of AIDS.

Q.4 Answer the question: (Any Two)

14

1. Explain complement fixation test in detail.
2. Describe neutralization tests in detail.
3. Write a note on - Type II reaction.
