

2303000501046003
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (NCF-NEP)(FIRST SEMESTER)
MDC-MICROBES IN OUR LIFE THEORY - LEVEL 4
(MDC-MB-102)

[Time: As per schedule]

[Max. Marks: 25]

Instructions:

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

- a. Name of the Examination : **BACHELOR OF SCIENCE (NCF-NEP)(FIRST SEMESTER)**
- b. Name of the Subject : **MICROBES IN OUR LIFE THEORY**
- c. Subject Code No : **2303000501046003**

2. Draw neat and labelled diagrams 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 Give Specific answers (Any five)

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- a. Enlist the enzymes that destroy the host defense mechanism.
- b. Give example of microbes involved in wood deterioration.
- c. What are communicable diseases? Give examples.
- d. Define: Green revolution
- e. Give examples of the amylase producing microbes
- f. Enlist the nitrogen- fixing microbes.

Q.2 Explain any two of the following

10

- a. Write a note on microorganisms as a biological research tool
- b. Discuss in detail advantages and substrates used for SCP production

- c. Explain microbial activities play important role in dairy industry

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Q.3 Explain any two of the following

- a. Write a note on microbial toxins as virulence factor
- b. Explain microbial activity in food results in spoilage
- c. Discuss: microbiological safety of drinking water
