



RAN - 2003000201030064



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F.Y.BSc. ATKT (Sem. I) Examination

March - 2023

Microbiology

MB-101: History and Scope of Microbiology

Set - I

[Total Marks: 50

સૂચના : / Instructions

(૧)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

Fill up strictly the details of signs on your answer book

Name of the Examination:

F.Y.BSc. ATKT (Sem. I)

Name of the Subject :

Microbiology MB-101: History and Scope of Microbiology Set - I

Subject Code No.: 2003000201030064

Seat No.:

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Student's Signature

O.M.R. Sheet ભરવા અંગેની અગત્યની સૂચનાઓ આપેલ

O.M.R. Sheetની પાછળ છાપેલ છે.

***Important instructions to fillup O.M.R. Sheet
are given on back side of the provided O.M.R. Sheet.***

1. Cuboidal packets of cocci shaped bacteria are known as
 - a) Tetrad
 - b) Monococcus
 - c) Sarcinae
 - d) Diplococcus

2. Which of the following has acellular organization?
 - a) Bacteria
 - b) Viruses
 - c) Protozoa
 - d) Fungi

3. Protein coat of the viruses which surrounds its genome is called as _____.
 - a) Capsid
 - b) Envelop
 - c) Spike
 - d) None of these

4. Methanogens are _____ bacteria.
 - a) Strictly anaerobic
 - b) Aerobic
 - c) Facultative anaerobic
 - d) Microaerophilic

5. Aerobes grow in _____ of oxygen and anaerobes grow in _____ of oxygen.
 - a) Absence, presence
 - b) Absence, absence
 - c) Presence, presence
 - d) Presence, absence

6. _____ is widely used in dairy industry to kill pathogenic bacteria in milk.
 - a) Tyndallization
 - b) Pasteurization
 - c) Fermentation
 - d) Lyophilization

7. Souring of wine occurs due to the growth of
 - a) Ethanol producing bacteria
 - b) Lactic acid bacteria
 - c) Butanol fermenting bacteria
 - d) Acetone fermenting bacteria

8. 'Micrographia' was written by
 - a) Robert Hooke
 - b) Antony von Leeuwenhoek
 - c) John Needham
 - d) Lazzaro Spallanzani

9. Who disproved spontaneous generation by showing that maggots only appear on decaying meat that has been exposed to flies?
 - a) Theodor Schwann
 - b) JohnNeedham
 - c) Lazzaro Spallanzani
 - d) Francesco Redi

10. _____ demonstrated that air free of microbes could not create life in organic infusions.
 - a) JohnNeedham
 - b) Lazzaro Spallanzani
 - c) Louis Pasteur
 - d) Theodor Schwann

SPACE FOR ROUGH WORK