



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. Vibrio are _____ shaped bacteria.
 - a) Spherical
 - b) Rod
 - c) Coma
 - d) Rod

2. Members of the protozoa may be motile by all of the following methods, except
 - a) Flagellar
 - b) Gliding by slime secretion
 - c) Cilia
 - d) Pseudopodia based

3. Agar is obtained from
 - a) *Gigartina*
 - b) *Gelidium*
 - c) *Glomeromycota*
 - d) *Ganoderma*

4. Nosocomial infection is acquired through _____
 - a) Houses
 - b) Kitchens
 - c) Improper sanitization
 - d) Hospitals

5. White revolution is concerned with revolution in _____ industry.
 - a) Forest
 - b) Dairy
 - c) Agriculture
 - d) Silk

6. Which of the following are filamentous bacteria?
 - a) Vibrio
 - b) Bacilli
 - c) Actinomycetes
 - d) Mycoplasmas

7. Amoeba uses cytoplasmic extensions called _____ for its movement.
 - a) Pseudopodia
 - b) Cilia
 - c) Flagella
 - d) Spikes

8. Branch of microbiology that deals with the studies on exploration for life in outer space is called as _____.
 - a) Exomicrobiology
 - b) Aeromicrobiology
 - c) Agricultural microbiology
 - d) None of these

9. Branch of microbiology that deals with the study of immune system of our body is called as _____.
 - a) Microbial ecology
 - b) Veterinary microbiology
 - c) Dairy microbiology
 - d) Immunology

10. _____ are viruses of fungi.
 - a) Bacteriophages
 - b) Mycophages
 - c) Cyanophages
 - d) Coliphages

21. Methanogens are _____ bacteria.
- a) Strictly anaerobic b) Aerobic
c) Facultative anaerobic d) Microaerophilic
22. Aerobes grow in _____ of oxygen and anaerobes grow in _____ of oxygen.
- a) Absence, presence b) Absence, absence
c) Presence, presence d) Presence, absence
23. _____ is widely used in dairy industry to kill pathogenic bacteria in milk.
- a) Tyndallization b) Pasteurization
c) Fermentation d) Lyophilization
24. 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
25. 'Micrographia' was written by
- a) Robert Hooke b) Antony von Leeuwenhoek
c) John Needham d) Lazzaro Spallanzani
26. Who disproved spontaneous generation by showing that maggots only appear on decaying meat that has been exposed to flies?
- a) Theodor Schwann b) John Needham
c) Lazzaro Spallanzani d) Francesco Redi
27. _____ demonstrated that air free of microbes could not create life in organic infusions.
- a) John Needham b) Lazzaro Spallanzani
c) Louis Pasteur d) Theodor Schwann
28. Which statement is false about Koch's postulates?
- a) There must be a causative agent present in the host suffering from a disease.
b) Disease causing organism can be isolated in pure culture.
c) If the sample of culture of disease-causing organism is inoculated in a healthy host, it will produce the same disease.
d) Disease causing organism cannot be recovered from the inoculated host animal.
29. _____ is considered as Father of Bacteriology.
- a) Robert Hooke b) Aristotle
c) Garolomo Fracastoro d) Antony van Leeuwenhoek

48. Mode of action of penicillin in the target cells is
- a) Inhibit protein synthesis
 - b) Inhibit DNA transcription
 - c) Inhibit cell membrane function
 - d) Inhibit cell wall synthesis
49. Stanley & Northrup got the Noble Prize for
- a) Discovering virus
 - b) Crystallizing virus
 - c) Discovering antibiotic
 - d) Naming phage
50. The first " Magic Bullet" Salvarson was used for treatment of
- a) Syphilis
 - b) AIDS
 - c) Diphtheria
 - d) Malta fever
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SPACE FOR ROUGH WORK