

2403000502066001
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (NEP) (FIRST YEAR)
(SECOND SEMESTER)
SEC- CONVENTIONAL METHODS FOR IDENTIFICATION
OF BACTERIA THEORY – LEVEL 6

[Time: As Per Schedule]

[Max. Marks: 13]

Instructions:

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

- a. Name of the Examination : **BACHELOR OF SCIENCE (NEP) (FIRST YEAR) (SECOND SEMESTER)**
- b. Name of the Subject : **SEC- CONVENTIONAL METHODS FOR IDENTIFICATION OF BACTERIA THEORY–LEVEL 6**
- c. Subject Code No : **2403000502066001**

2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.
5. Each question carry one mark.

Seat No:

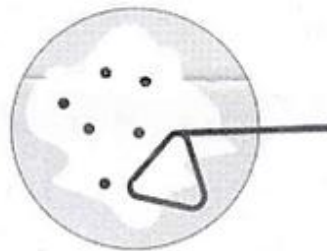
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Student's Signature

Q.1 Multiple Choice Questions

13

- 1) _____ is a population of microorganism of the same species.
A. Axenic culture
B. Both A and C
C. Pure culture
D. None of these
- 2) Who discovered petri plates?
A. Robert Koch
B. Robert Brown
C. R.J Petri
D. James Watson
- 3) Identify the method of isolation from the given figure.



- A. Streak
- B. Pour
- C. Spread
- D. Enrichment

- 4) _____ Percent concentration of agar is commonly used in culture media.
- A. 0.1 to 0.5
B. 7.5 to 10
C. 1.5 to 3.0
D. 6.2 to 8.0
- 5) Which statement among these is true of enrichment technique?
- A. Help in isolation of desired organism from natural environment
B. Useful for isolating organism degrading chemical pollutant
C. Organism are grown in medium containing specific nutrient
D. All of these
- 6) Agar is obtained from _____ spp.
- A. Pseudomonas
B. Bacillus
C. Gelidium
D. Staphylococcus
- 7) Define stock cultures.
- A. Mixed type of organism in given sample
B. Initial amount of organism added to any medium
C. Organism of interest maintained in laboratory for study and reference
D. None of these
- 8) The tube of agar stab is called _____.
- A. Agar slant
B. Agar stab
C. Agar deep
D. Agar broth
- 9) Where is National Collection of Industrial Microorganisms located?
- A. Delhi
B. Pune
C. USA
D. Hyderabad
- 10) Which among these is culture collection centre for bacteria?
- A. Culture Collection Laboratory of Microbiology
B. National Collection of Yeast Culture
C. International Mycological Institute
D. Institute of Research for New Antibiotics
- 11) The degree to which colony is raised on the agar surface is called _____.
- A. Edge
B. Surface
C. Opacity
D. Elevation

12) Continuous thread like growth with irregular edges is known as _____.

A. Echinulate

C. Filiform

B. Effuse

D. Rhizoid

13) Drawback of micromanipulator is _____.

A. Expensive

C. Manipulation is tedious

B. Require skilled operator

D. All of these
