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**SUBJECT CODE NO: - Y-2059**  
**FACULTY OF SCIENCE AND TECHNOLOGY**  
**B.Sc. T.Y (Sem-VI)**  
**Examination March / April - 2023**  
**Microbiology and Disease Management**

**[Time: 1:30 Hours]****[Max. Marks: 50]**

Please check whether you have got the right question paper.

N. B

1. Attempt all questions.
2. Illustrate your answer with suitable diagram wherever necessary.

Q1 What is microbiology? Describe in details of microorganism in the Biological World. 20

**OR**

Describe in details the application of microorganism in organic acid and alcohol industry.

Q2 Describe in detail the preventive methods of Disease Management. 20

**OR**

Write short notes (any four)

- a) Micrometry
- b) Microbes as pesticides
- c) Streptomycin
- d) Pyrethrum
- e) Antidote
- f) Precaution using pesticides

Q3 Multiple choice questions. 10

- 1) 1/1000 of a micro meter is called -----
  - a) Millimetre
  - b) Angstrom
  - c) Nanometer
  - d) Picometer
- 2) Which of the following is blue mold
  - a) Puccinia
  - b) Penicillium
  - c) Albugo
  - d) Fusarium
- 3) Which of the following disease classification categories are considered the most useful?
  - a) Plant organ the disease affect
  - b) Symptoms the disease causes
  - c) Type of pathogen
  - d) Types of plants affected

- 4) A pathogen is -----
  - a) Micro be that causes disease
  - b) Organism that removes nutrients and water from its host
  - c) Parasite
  - d) All of the above
  
- 5) In Gram staining, Gram's iodine is act as
  - a) Counter stain
  - b) Primary stain
  - c) Secondary stain
  - d) Mordant
  
- 6) Basic unit of bacterial measurement is -----
  - a) Micro meter
  - b) Nano meter
  - c) Millimeter
  - d) All of the above
  
- 7) Rhodenticides is -----
  - a) Propoxar
  - b) Zinc phosphide
  - c) 2, 4-D
  - d) Dexon
  
- 8) Copper sulphate fungicide was first recognised by
  - a) Prevost
  - b) Portelle
  - c) Mason
  - d) None of the above
  
- 9) Mycoparasitism is associated with -----
  - a) Trichoderma
  - b) Cercospora
  - c) Septoria
  - d) Alternaria
  
- 10) Who first demonstrated the transmissible nature of TMV?
  - a) Beijernick
  - b) Iwanowski
  - c) Mayer
  - d) Stanely