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SUBJECT CODE NO:- 2059
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. T.Y (Sem-VI)
Examination March/April-2022 (To Be Held In June/July-2022)
Botany Paper- XX
(C) Microbiology and Disease Management

[Time: 1:53 Hours]

[Max.Marks:50]

- N.B Please check whether you have got the right question paper.
 1) Attempt all questions.
 2) Draw neat and well labelled diagrams wherever is necessary.
- Q.1 Describe in detail Industrial application of Microorganism in preparation of alcohol and organic acids. 20
 OR
 What are systemic fungicide? Explain with suitable examples.
- Q.2 What antibiotics? Add a note on any three antibiotics. 20
 OR
 Write short note on (any four)
 a) Effect of pesticides
 b) Types of nozzles
 c) Rhodenticides
 d) Soil sterilization
 e) Crop rotation
 f) Dexon
- Q.3 Multiple Choice Questions 10
1. _____ focuses light beam in compound microscope
 (a) Eyepiece (b) Nose piece
 (c) Mirror (d) Condenser
 2. _____ is botanical pesticide
 (a) Neem (b) Carboxin
 (c) Agrosan (d) Captan
 3. Erythromycin is produced by _____ microbe
 (a) S. aureofaciens (b) S. erythreus
 (c) Streptomyces nodosus (d) S. fradiae

4. Red rot of sugarcane is caused by _____
 - a) Downey falcatum
 - b) Collefottrichom falceatum
 - c) S. rimosus
 - d) S. noursei

5. B.T. Cotton stands for _____
 - a) Bacillus thriam
 - b) Bacilli thuringiensis
 - c) Bacillus thringicensis
 - d) None of these

6. In wet seed dressing seeds are dressed with _____ fungicide, before sowing
 - (a) Dextron
 - (b) DMT
 - (c) Carboxin
 - (d) Bavistin

7. What are pheromones?
 - (a) Fungicides
 - (b) Fertilizers
 - (c) Hormone
 - (d) Pesticides

8. Use of microorganism in manufacture of industrial process is called as _____
 - a) Biotechnology
 - b) Bio engineering
 - c) Chemical process
 - d) Genetic Engineering

9. Crops that produce exudates that restrict growth are called
 - (a) Tap Crops
 - (b) Cash Crop
 - (c) Resistant Crop
 - (d) Trap Crop

10. Eradication of the disease producing organism from soil is called
 - a) Soil Sterilization
 - b) Seed Treatment
 - c) Pesticides
 - d) Carboxin