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SUBJECT CODE NO:- B-2044
FACULTY OF SCIENCE & TECHNOLOGY
B.Sc. T. Y. (Sem-V)
Examination November/December- 2022
Elective Paper
Botany Paper- XVI
Plant Pathology

[Time: 1:30 Hours]

[Max. Marks:50]

“Please check whether you have got the right question paper.”

- N.B.
- i) Attempt all Questions.
 - ii) Illustrate your answer with suitable labelled diagram wherever necessary.
- Q.1 Describe history, scope and importance of Plant Pathology. 20
- OR
- Write in brief. 20
- a) Inanimate diseases.
 - b) Damping off disease symptoms.
- Q.2 Explain symptoms, causal organism Disease cycle and control measures of ‘wilt of pigeon pea (tur)’. 20
- OR
- Write Short Notes on (any four) 20
- a) Air borne pathogens.
 - b) Seed pathology.
 - c) ICRISAT
 - d) Little leaf of Brinjal.
 - e) Black rot of Onion.
 - f) Rust of Euphorbia.
- Q.3 Multiple choice questions. 10
- 1) Cankers are developed by _____.
 - a) Fungi
 - b) Nematodes
 - c) Bacteria
 - d) Virus

- 2) ICRISAT means _____.
 - a) International Council of Research in Science and Technology
 - b) International Crop Research Institute for Semi Arid Tropics
 - c) Indian Council of Research in Science and Technology
 - d) None of above

- 3) Nematodal Diseases are considered as _____.
 - a) Animate disease
 - b) In animate disease
 - c) Bacterial disease
 - d) Viral disease

- 4) TMV is caused by _____.
 - a) Virus
 - b) Bacteria
 - c) Fungi
 - d) Mycoplasma

- 5) Chlorosis means _____.
 - a) Stunted growth
 - b) Yellowing of leaves
 - c) Reduction of leaf
 - d) Leaf curling

- 6) Late Blight of potato caused by _____.
 - a) Aspergillus
 - b) Phytophthora
 - c) Plasmopara
 - d) Pythium

- 7) Downy Mildew of grapes caused by _____.
 - a) Puccinia
 - b) Pythium
 - c) Plasmopara
 - d) Aspergillus

- 8) Rust of Euphorbia caused by _____.
 - a) Fusarium
 - b) Claviceps
 - c) Melampsora
 - d) None of above

- 9) *Xanthomonas citri* causes _____
- a) Seed rot
 - b) Damping off
 - c) Downy Mildew
 - d) Canker
- 10) Yellow Vein Mosaic of bean caused by _____
- a) TMV
 - b) Claviceps
 - c) Phaseolus Virus – I
 - d) Aspergillus