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SUBJECT CODE NO: Y-2026
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (PATTERN-2013) (T.Y SEM V)
Examination April / May - 2024
Elective Paper Botany Paper- XVI (C) 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 answers with well-labelled diagrams.

Q.1 Explain in brief history of plant pathology, Add a note on losses due to pathogens. 20

OR

Write in brief.

- a) Non- parasitic disease 10
b) Concept and importance of seed pathology 10

Q.2 Describe in detail symptoms Causal organism, disease cycle and management of rust of wheat. 20

OR

Write short notes on (any four).

- a) Fungi as plant pathogen.
b) Koch's postulates
c) Grain smut of Towar.
d) ICRISAT.
e) Cercospora on Albizia fruit.
f) Little leaf of brinjal.

Q.3 Multiple choice questions. 10

- 1] Which of the following disease caused by fungus.
a] cholera b] citrus canker
c] T.B d] Rust of wheat.

2] The substance used to solidify liquid culture media is called.

- a] Agar
- b] Yeast
- c] Dextrose
- d] Glucose

3] Which of following is used for sterilization?

- a] Autoclave
- b] Hot air oven
- c] Both a and b
- d] None of these

4] Macro conidia of Fusarium are

- a] unicellular spherical
- b] spherical
- c] Sickle shape multi septate
- d] None of these.

5] Little leaf of brinjal caused by.

- a] Fungus
- b] virus.
- c] Bacteria
- d] mycoplasma.

6] IARI is located at.

- a] Hyderabad
- b] Mumbai
- c] New Delhi
- d] Jaipur

7] Citrus Canker is caused by.

- a] Rhizobium
- b] Neurospora
- c] Nitrosomonas
- d] xanthomonas.

8] Aflatoxin is produced by the fungus,

- a] Aspergillus
- b] Rhizopus.
- c] Fusarium
- d] Alternaria.

9] Tikka disease of groundnut caused by

- a] Fusarium
- b] claviceps
- c] cercospora personata
- d] None of these

10] ICRISAT is Located at.

- a] Mumbai
- b] Hyderabad
- c] Ahmedabad
- d] Bangalore