

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc - Honours (Agriculture) (Sem.-2)
FUNDAMENTALS OF PLANT PATHOLOGY

Subject Code : BSAG-206-19

M.Code : 77667

Date of Examination : 24-12-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

1. Write briefly :

- a) Bacteria
- b) Viroids
- c) Syndrome
- d) Nematodes
- e) Disease triangle
- f) Pychidium
- g) Irish famine
- h) P.M.A Millardet
- i) E. J. Butler
- j) Collateral host.

SECTION-B

2. What is disease-forecasting? What is its Importance in the field Plant Pathology?
3. Classify the plant diseases on the basis of type of symptoms along with examples.
4. Explain and draw well labelled diagram of asexual fruiting bodies of plant pathogenic fungi.
5. Difference between the gram positive and gram negative bacteria.
6. Explain the effect of different environmental factors on the plant diseases along with examples.

SECTION-C

7. Explain different types of sexual reproduction of fungi and draw well labelled diagram of each of them.
8. Classify the fungicides on the basis of their chemical composition.
9. Explain the replication of viruses in the host plant along with well labelled diagram.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.