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Roll. No. :

Examination Session June-2022

(Fourth Semester)

MBOT-608

BOTANY (MSCBOT)

[Plant Pathology]

Time : 2 Hours]

[Max. Marks : 40

Note : This paper is of Forty (40) marks divided into two (02) Section A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

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(1)

[P.T.O.]

SECTION—A

(Long-Answer-Type Questions)

Note : Section 'A' contains five (05) long-answer-type questions of Ten (10) marks each. Learners are required to answer any two (02) questions only. $2 \times 10 = 20$

1. Write a detailed note on the classification of plant diseases.
2. Describe the defense structure formed in plants in response to infection by a pathogen.
3. Discuss various methods to control plant diseases.
4. Describe any two fungal diseases of plants with their symptoms, causal organism and control measurements.
5. Write a detailed note on the various symptoms appears during fungal disease in plants.

SECTION—B

(Short-Answer-Type Questions)

Note : Section 'B' contains eight (08) short-answer-type questions of Five (05) marks each. Learners are required to answer any four (04) questions only. $4 \times 5 = 20$

1. Write a short note on the biotic agents of diseases.
2. What do you understand by the non parasitic or non infectious diseases ?
3. Write the differences between epidemic and pandemic diseases.
4. Discuss briefly the effects of toxins on plants.
5. What will be the impact on the life cycle of *Puccinia graminis* if the *Berberis* plant is completely eradicated ?
6. Write a short note on the antibiotics.
7. Discuss the leaf curl of paapaya Disease.
8. Write a short note on *Fusarium oxysporum*.
