

UG/1st Sem/H/20(CBCS)

2020

BOTANY (Honours)

Paper : BOTH-DC-2

(CBCS)

Full Marks : 25

Time : Two Hours

The figures in the margin indicate full marks.

Candidates are required to give their answers

in their own words as far as practicable.

1. Answer any *five* questions of the following : 1×5=5

- (i) What is inoculum?
- (ii) Define Pandemic disease.
- (iii) What is ascus?
- (iv) Name one foliose lichen.
- (v) What is SAR?
- (vi) What is penetration?
- (vii) Give the full form of IPM.
- (viii) What is the causal organism for Citrus canker?

2. Answer any *four* of the following : 3×4=12

- (i) What is Plant quarantine? Cite one example. 2+1
- (ii) Write a brief note on mycotoxin. 3
- (iii) Illustrate the range of thallus organization in lichen. 3
- (iv) What is the role of mycorrhizae in agriculture? 3

(v) Explain the concept of biological management of plant diseases. 3

(vi) Briefly describe the sexual reproduction in *Rhizopus*. 3

3. Answer any *one* question of the following : 8×1=8

(a) Describe the role of fungi in Biotechnology. 8

(b) With suitable diagram describe the symptoms, causal organism, disease cycle of Late Blight disease of Potato. Suggest control measures of the disease. 2+1+3+2=8
