

(2)

7. What is a Fairy ring?

8. What is parasexuality?

Group - B

Answer any **four** questions. 5×4=20

9. Write a short note on host-pathogen relationships.

10. Describe the asexual reproduction of *Rhizopus* sp.

11. Mention the symptoms of loose and covered smut disease.

12. What is mycorrhiza? Write the difference between ecto and endomycorrhiza. 2+3

13. Describe the sexual reproduction of *Penicillium* sp.

14. Describe the structure of mature fruitbody of *Agaricus* sp.

Group - C

Answer any **one** question. 10×1=10

15. Write the name of pathogen, symptoms, disease cycle and control method of Early blight of potato. 1+3+3+3=10

16. Describe the classification of fungi with example. Write the role of fungi in biotechnology. 6+4

Total Pages : 2

B.Sc./2nd Sem (H)/BOT/24(CBCS)

2024

2nd Semester Examination

BOTANY (Honours)

Paper : C 3-T

(Mycology and Phytopathology)

[CBCS]

Full Marks : 40

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.*

Group - A

Answer any **five** questions. 2×5=10

1. What is true fungi?

2. What are mycoherbicides?

3. What do you mean biological control?

4. What is heterothallism?

5. Write the difference between lifecycle and disease cycle.

6. Mention the name of host and pathogen of Citrus canker disease.

P.T.O.