



Date: 05-04-2019  
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

PART – A

Define/Explain the following, each within 50 words.

(10×2= 20 marks)

1. Haustorium.
2. Appressorium.
3. Neurospora.
4. Brown wood rot.
5. Basidiocarp.
6. Aecidia and soredia.
7. Penicillin.
8. Baker's yeast.
9. Systemic mycosis.
10. Athlete's foot disease.

PART – B

Answer the following, each within 500 words. Draw diagrams wherever necessary

(5×7= 35 marks)

11. a) Explain any three modification of fungal mycelium.  
(or)  
b) Describe the different methods of asexual reproduction in fungi.
12. a) Describe the thallus structure of *Rhizopus*.  
(or)  
b) Explain the asexual reproduction in *Albugo*.
13. a) Describe the stages of *Puccinia* in barberry plant.  
(or)  
b) Explain the acervulus of *Colletotrichum* and the disease caused by it.
14. a) Write an account on the role of fungi in industry.  
(or)  
b) What is mycorrhiza? Write about its types and importance.
15. a) Give an account on candidiasis.  
(or)  
b) Give an account on diagnosis and control measures of *Trichophyton*.

PART – C

Answer any three of the following, each within 1200 words, draw diagrams wherever necessary  
(3×15= 45 marks)

16. Describe the classification of fungi based on Alexopolus (1962). Highlight the salient features of each division.
17. Describe the life cycle of *Peziza*.
18. Describe the types of Lichen thallus and the various vegetative structures associated with it.
19. Write detailed notes on the structure and function of YAC vector.
20. Write an essay on fungal toxins.

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