



QP CODE: 25005585



Reg No : .....

Name : .....

**B.Sc DEGREE (CBCS) SPECIAL REAPPEARANCE EXAMINATIONS, FEBRUARY  
2025**

**Fifth Semester**

B.Sc Microbiology Model III

**CORE COURSE - MB5CRT14 - MEDICAL MYCOLOGY**

2022 Admission Only

ADF6A63C

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Cite an example for Pseudomycelium.
2. What is a rhizoid?
3. Identify Dermatophyte test medium.
4. What is Gametangia?
5. Comment on Ascocarp.
6. Name different polyne group of antifungal agents.
7. Comment on Spaghet forms.
8. Recognise Majocch's granuloma.
9. What is Botryomycosis?
10. Name the causative agent of Rhinosporidiosis and write their features.
11. Name the specific drugs used against Rhinosporidiosis.
12. Name the causative agent of Phycomycosis and write their features.

(10×2=20)

**Part B**

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Report on the use of lab animals in medical mycology.





14. Explain neutral red stain and write their importance.
15. Demonstrate the protocol of Lacto phenol cotton blue staining.
16. Demonstrate the features of Slime molds.
17. Explain the differential diagnosis of Pityriasis versicolor.
18. Discuss on Barbers itch.
19. Discuss the different treatment methods followed against Piedra.
20. Summarise the epidemiology of Sporotrichosis.
21. Explain the different treatment methods adopted against sporotrichosis.

(6×5=30)

### **Part C**

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. With the help of a suitable diagram explain the ultrastructure of yeast.
23. Write in detail the different methods of asexual reproduction in Fungi.
24. Write in detail the laboratory diagnosis and treatment of Mycetoma.
25. Discuss different clinical features and lab diagnosis of Sporotrichosis.

(2×15=30)

