

E 3003



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Reg. No.....

Name.....

B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, APRIL 2022

Fifth Semester

Core Course 17—MEDICAL MYCOLOGY

(For B.Sc. Microbiology)

[2013—2016 Admissions]

Time : Three Hours

Maximum Marks : 80

Section A

*Answer all questions.
Each question carries 1 mark.*

Comment on :

- | | |
|---------------------------|----------------------|
| 1. Piedra. | 2. Stains for fungi. |
| 3. Oospores. | 4. Rhizoids. |
| 5. Tinea capitis. | 6. Sporangium. |
| 7. Aerial hypha. | 8. Clotrimazole. |
| 9. Pityriasis versicolor. | 10. Dermatomycosis. |

(10 × 1 = 10)

Section B

*Answer any eight of the following.
Each question carries 2 marks.*

Write briefly on :

- | | |
|-----------------------------|--------------------------|
| 11. <i>Epidermophyton</i> . | 12. Ascomycetes. |
| 13. Rhinosporidiosis. | 14. Morphology of yeast. |
| 15. Potato Dextrose Agar. | 16. Phycomycosis. |
| 17. YM shift. | 18. Deuteromycetes. |
| 19. Antifungal agents. | 20. Pathogenic yeasts. |
| 21. KOH mount. | 22. Arthrospores. |

(8 × 2 = 16)

Turn over





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Section C

Answer any **six** of the following.
Each question carries 4 marks.

23. Rhinosporidiosis.
24. Identification of *Trichophyton*.
25. Ultrastructure of yeast.
26. Spores of fungi.
27. Slide culture.
28. Hair baiting technique.
29. Special hyphal structures.
30. Fungi imperfecti.
31. Sporotrichosis.

(6 × 4 = 24)

Section D

Answer any **two** of the following.
Each question carries 15 marks.

32. Discuss about classification of fungi.
33. Explain the methods of isolation and identification of fungi.
34. Discuss the etiology, clinical manifestations and laboratory diagnosis of dermatophytoses.
35. Explain various subcutaneous mycoses.

(2 × 15 = 30)

