



QP CODE: 21100611

Reg No :

Name :

B.Sc DEGREE (CBCS) EXAMINATION, MARCH 2021

Third Semester

B.Sc Zoology Model II Medical Microbiology

VOCATIONAL COURSE - ZM3VOT05 - MEDICAL MYCOLOGY

2017 Admission Onwards

F0E15DDB

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. Mention a negative stain used for fungi and purpose
2. What is the colouring agent in LPCB stain?
3. Write any two methods used for long term maintenance of fungal culture.
4. Spaghetti and meat ball is a diagnostic feature of which organism.
5. State whether Tinea nigra is the name of a fungi or a disease.
6. Name any three subcutaneous disease and its causative agents.
7. Causative agent of rose thorn disease.
8. Mode of transmission of Chromoblastomycoses.
9. What is systemic mycoses?
10. Identifying features of Penicillium.
11. Mode of action of azole antifungal agent.
12. Name 2 tests used for Candidial identification.

(10×1=10)

Part B

*Answer any **six** questions.*

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





13. What are the characteristic features of fungi?
14. What are the specimens that can be collected for systemic diseases? Explain its collection procedure
15. Write a short essay on various superficial mycoses
16. What is white piedra and explain the clinical features of the disease?
17. Write short note on mycetoma.
18. Write a short essay on blastomycosis and write the causative agent.
19. How does the *Coccidioides* Spp vary from other systemic diseases? Explain
20. Aspergilloma.
21. Write note on zygomycoses and differentiate.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. What are the various samples that can be collected for fungal cultivation? Explain the cultivation technique in detail.
23. What are the clinical features, pathogenesis, diagnosis and treatment of dermatophytic infection?
24. What are the clinical features, pathogenesis, diagnosis and treatment of Paracoccidioidomycoses?
25. Briefly explain the outline classification of fungi based on the site of infection and explain any three fungi in detail.

(2×10=20)

