

QP Code: 401019

Reg. No.....

**Fourth Year B.Sc. Medical Microbiology Degree Examinations
August 2018**

Virology and Mycology

Time: 3 Hours

Total Marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essays

(2x15=30)

1. List the vaccine preventable viral infections. List the polio vaccines. How was polio eradicated.
2. Name the dermatophytes. List the infections caused by them. Detail the laboratory diagnosis.

Short Essays

(2x10=20)

3. Classify fungi. Name the true yeast and the infections caused. Briefly describe the laboratory diagnosis.
4. List the emerging viral infections in Kerala. Describe the epidemiology, clinical features, complications and laboratory diagnosis of dengue. Add a note on its prevention

Short Notes

(6x5=30)

5. Candida albicans
6. Draw the structure of hepatitis B virus. Name the markers of the virus and the application in diagnosis
7. List the fungi causing mycotic mycetoma. Briefly describe the laboratory diagnosis.
8. Laboratory diagnosis of rabies
9. Embryonated eggs in virology
10. Waterborne viral diseases

Answer Briefly

(10x2=20)

11. Sclerotic bodies
12. Kysanur forest disease
13. CD4 counts in AIDS
14. Name four oncogenic viruses
15. List four dematiaceous fungi
16. Piedra
17. Opportunistic fungi in AIDS
18. Mycotoxins
19. Chicken pox
20. NIPAH virus
