

**QP Code: 401019**

**Reg. No.....**

**Fourth Year B.Sc. Medical Microbiology Degree Regular/Supplementary  
Examinations August 2019**

**Virology and Mycology**

**Time: 3 Hours**

**Total Marks: 100**

- **Answer all questions**
- **Draw diagrams wherever necessary**

**Essays**

**(2x15=30)**

1. Discuss in detail the morphology and laboratory diagnosis of polio virus.
2. Name the fungi causing deep infections and describe in detail about the morphology and laboratory diagnosis of any one of them.

**Short Essays**

**(2x10=20)**

3. Name the orthomyxo viruses and describe the laboratory diagnosis.
4. Candidiasis

**Short Notes**

**(6x5=30)**

5. Viral multiplication.
6. Animal inoculation
7. EBV
8. Sugar assimilation.
9. Superficial mycosis
10. Zygomycosis

**Answer Briefly**

**(10x2=20)**

11. Varicella vaccine
12. Malassezia furfur
13. Rota virus
14. DNA oncogenic viruses
15. SARS.
16. Nipah virus
17. Chikungunya
18. Fungal eye infections
19. Trichosporon
20. Ectothrix

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