



QP CODE: 25024448



Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, APRIL 2025

Fourth Semester

M Sc MICROBIOLOGY

CORE - MG030402 - MEDICAL VIROLOGY, MYCOLOGY AND PROTOZOOLOGY

2019 ADMISSION ONWARDS

A7A1662A

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. Comment on Tzanck smear.
2. What are adeno-associated viruses?
3. Comment on BK virus.
4. What is meant by haemagglutination?
5. Comment on Zika virus infections.
6. List the advantages of live attenuated viral vaccines.
7. Discuss moniliasis.
8. What are laboratory contaminants? Name any one fungal laboratory contaminant.
9. Differentiate mechanical vectors from biological vectors. Give examples.
10. Comment on morphology of Trichomonas.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Write a brief note on small pox.
12. Give an account of cocksackie viruses.
13. Write a note on Japanese encephalitis.
14. Discuss antiviral agents used for treatment of HIV infections.
15. Write a short note on Mycetoma.





16. Write a brief note on cryptococcosis.
17. Give the differences between amoebic dysentery and bacillary dysentery.
18. Comment on the morphological stages of Trypanosoma with the help of diagrams.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

*Weight **5** each.*

19. Classify Retroviridae. Give an account of Human Immunodeficiency Virus.
20. Give an account of the various serological methods for diagnosis of viral infections.
21. Write an essay on cutaneous mycoses affecting man.
22. Explain in detail the morphology and life cycle of Plasmodium.

(2×5=10 weightage)

