

2016 Scheme

QP Code: 411019

Reg. No.....

Fourth Year B.Sc. Medical Microbiology Degree Regular/Supplementary Examinations February 2024

Paper XI – Virology and Mycology

Time: 3 Hours

Total Marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary

Essays

(2x15=30)

1. Write in detail about the structure, genomic organisation, serological and molecular diagnosis of Hepatitis B virus.
2. Classify Fungal infections and enumerate fungi causing opportunistic fungal infections. Describe in detail on Candidiasis.

Brief Essays

(2x10=20)

3. Write about disease burden, clinical course and laboratory diagnosis of Rotavirus.
4. Describe the pathogenesis and laboratory diagnosis of Dermatophytes infection.

Short Answers

(6x5=30)

5. Cytokines enumerate and its functions.
6. Mucormycosis.
7. Immunoprophylaxis of rabies virus.
8. Anti-fungal drug susceptibility testing methods.
9. Serodiagnosis of HIV.
10. Dalmau Plate technique.

Comment on

(10x2=20)

11. Viroids.
12. Rhinosporidiosis.
13. Interferons.
14. Germ tube Test.
15. Inclusion Bodies.
16. Slide Culture Technique.
17. Molluscum contagiosum virus.
18. Describe dimorphic fungi with examples.
19. Draw the structure of Aspergillus Niger in LPCB mount.
20. Give four examples for viral exanthematous disease.
