

2016 Scheme

QP Code: 411019

Reg. No.....

Fourth Year B.Sc. Medical Microbiology Degree Regular Examinations February 2021

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. Classify herpes viruses. Describe the morphology, pathogenesis and laboratory diagnosis of acute Herpes Simplex virus.
2. Classify fungi. Write a note on morphology, pathogenesis and laboratory diagnosis of Candida albicans.

Brief Essays

(2x10=20)

3. Classify rhabdo virus. Describe the pathogenesis, laboratory diagnosis and prophylaxis of rabies virus.
4. Enumerate dimorphic fungi. Describe the clinical features and laboratory diagnosis of Histoplasma capsulatum.

Short Answers

(6x5=30)

5. Mycetoma
6. Sporotrichosis
7. Pathogenesis and complications of measles.
8. Viral haemorrhagic fevers.
9. Aflatoxins
10. Coxsackie viruses

Comment on

(10x2=20)

11. Vaccines against poliomyelitis.
12. Four arbovirus infections prevalent in India.
13. Delta hepatitis agent.
14. Chlamydo spore.
15. Name two fungi causing oculomycosis.
16. Enumerate four dermatophytes.
17. Four organisms causing mycetoma
18. Mention four species of aspergillus
19. Complication of dengue virus.
20. Draw and label a bacteriophage
