

2016 Scheme

QP Code: 411019

Reg. No.....

Fourth Year B.Sc. Medical Microbiology Degree Regular/Supplementary Examinations February 2022

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. Name the viruses infecting the liver. Write the morphology, pathogenesis laboratory diagnosis and prophylaxis of hepatitis B virus.
2. Classify fungi. Write a note on morphology, pathogenesis and laboratory diagnosis of Cryptococcus neoformans.

Brief Essays

(2x10=20)

3. Describe the pathogenesis, laboratory diagnosis and prophylaxis of poliomyelitis
4. Explain pathogenesis and laboratory diagnosis of dermatophytes.

Short Answers

(6x5=30)

5. Cytopathic effect.
6. Subcutaneous mycosis.
7. Dengue virus.
8. Histoplasmosis.
9. Aspergillus species
10. Diagnosis and prophylaxis of H₁N₁ infection.

Comment on

(10x2=20)

11. Name four fungi causing opportunistic mycosis.
12. Fungi causing superficial mycosis.
13. Classify inclusion bodies.
14. Maintenance of fungal culture.
15. Kopliks spots.
16. Name the live viral vaccines.
17. Modes of transmission of HIV
18. Slide culture technique
19. Wood's lamp test
20. Mention three antifungal agents.
