

2016 Scheme

QP Code: 411019

Reg. No.....

Fourth Year B.Sc. Medical Microbiology Degree Supplementary Examinations September 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. Draw diagram and discuss the characteristics of rabies virus. Discuss the pathogenesis, lab diagnosis and immunoprophylaxis of rabies
2. Enumerate yeast like fungi associated with human infections. Which are the predisposing factors that are associated with increased risk of this infection. Describe the clinical manifestations and laboratory diagnosis of Candidiasis

Brief Essays

(2x10=20)

3. Discuss the clinical manifestations and laboratory diagnosis of aspergillosis
4. Classify arboviral diseases. Discuss the pathogenesis, laboratory diagnosis of dengue fever

Short Answers

(6x5=30)

5. Japanese encephalitis
6. Epstein-Barr virus associated malignancies
7. Sporotrichosis
8. Molecular methods in the laboratory diagnosis of fungal infections
9. Talaromyces marneffeii
10. Viral haemorrhagic fevers

Comment on

(10x2=20)

11. Rhinocerebral mucormycosis
12. Pneumocystis pneumonia
13. Polio vaccines
14. Black piedra
15. Zoster
16. Rhizoid
17. Zika virus
18. Antiretroviral drugs
19. Viral gastroenteritis
20. Fusariosis
