

2014 Scheme

QP Code: 401019

Reg. No.....

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

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 a diagram of influenza virus and mark the parts. Describe H₁N₁ virus, clinical features, complication and laboratory diagnosis of influenza caused by this virus. What are the preventive measures to be taken.
2. List the dermatophytes. Describe in detail the infections caused by Microsporum species and the laboratory diagnosis.

Short Essays

(2x10=20)

3. List candidiasis and briefly describe the laboratory diagnosis
4. List the blood borne viruses. Describe the screening methods for the same. How safe is blood transfusion assured.

Short Notes

(6x5=30)

5. Waterborne virus infections
6. Rabies vaccines
7. Bacteriocines and typing
8. Tinea capitis
9. Mycotic mycetoma
10. Sporothrix schenckii

Answer Briefly

(10x2=20)

11. Cell line cultures
12. Pulse polio programme
13. Rota virus and ELISA for diagnosis
14. Chikungunya
15. Tinea nigra
16. Epidermophyton
17. Penicillium species
18. Cryptococcus neoformans
19. Hand foot and mouth disease
20. Hepatitis B vaccine
