

**Fourth Year B.Sc. Medical Microbiology Degree Supplementary
Examinations March 2020**

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. List the arbovirus infections detected in India. Describe in detail the epidemiology, clinical features, complications, laboratory diagnosis and management of dengue fever.
2. List the dimorphic fungi. Describe in detail histoplasmosis and the laboratory diagnosis.

Short Essays

(2x10=20)

3. Describe in detail the laboratory diagnosis of candidosis in man
4. List the polio vaccines and mention the role of vaccines in eradication of polio

Short Notes

(6x5=30)

5. Laboratory diagnosis of rabies
6. Opportunistic fungal infections in AIDS patients
7. MMR vaccine
8. Prion diseases
9. Oncogenic viruses
10. Laboratory diagnosis for trichophyton species

Answer Briefly

(10x2=20)

11. Nipah virus
12. Rabies vaccines
13. Aspergillosis
14. Tinea versicolor
15. Cryptococcosis
16. Hepatitis B vaccine
17. Herpes zoster
18. Viruses causing diarrhoea
19. KOH mounts in mycology
20. Pulse polio programme
