



K21U 1543

Reg. No. :

Name :

**V Semester B.Sc. Degree (CBCSS – Sup./Imp.) Examination, November 2021
(2015-'18 Admns.)**

**CORE COURSE IN MICROBIOLOGY
5B12 MCB : Virology, Mycology and Parasitology**

Time : 3 Hours

Max. Marks : 40

SECTION – A

(Objective type-**Each** carries **1** mark – Answer **all** the **four** questions.)

1. Name any two mosquito borne Arboviral diseases.
2. Which ingredient of LPCB stain act as a fungicide also ?
3. The specific intra cytoplasmic inclusion body in rabies.
4. Which is infective form of malaria parasite ?

(4×1=4)

SECTION – B

(Very short answer type-**Each** carries **2** marks-Answer **any seven** questions out of ten.)

5. Interferon
6. Mycetoma
7. KOH wet mounts
8. ELISA
9. Candida albicans
10. SARS
11. Antigenic drift

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12. Hemagglutinin
13. Polio vaccine
14. Giardiasis.

(7×2=14)

SECTION – C

(Short answer type-**Each** carries **3** marks-Answer **any four** questions out of six.)

15. Write a note on viral multiplication cycle.
16. Describe the life cycle of *Entamoeba histolytica*.
17. Write briefly on dermatophytoses.
18. Pathogenesis and clinical features of Herpes simplex virus.
19. Explain the laboratory diagnosis of fungal infections.
20. Mumps.

(4×3=12)

SECTION – D

(Long essay type- **Each** carries **5** marks- Answer **any two** questions out of four.)

21. Give an account on immunoprophylaxis.
22. Describe in detail about HIV.
23. Describe mycotic infections of human beings.
24. Discuss the life cycle and pathogenesis of malaria.

(2×5=10)
