

K23U 2835

Reg. No. : .....

Name : .....

V Semester B.Sc. Degree (CBCSS – Supplementary)  
Examination, November 2023  
(2017 and 2018 Admissions)

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 two diseases caused by arbovirus
2. The infectious virus particle is called \_\_\_\_\_
3. MMR vaccine is given to control \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_
4. Oral thrush is caused by \_\_\_\_\_ (4×1=4)

SECTION – B

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

5. Piedra
6. Koplik's spots
7. Fungal Staining
8. Coinfection
9. Epstein-Barr virus
10. Structure of HIV
11. Antigenic shift
12. Make a note on live vaccines
13. Microfilaria
14. Antifungal drugs.

(7×2=14)

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SECTION – C

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

15. Enlist the oncogenic viruses and discuss any two.
16. Methods involved in the detection of virus growth in cell culture.
17. Describe the Pathogenesis of Rabies.
18. Describe Dengue fever.
19. Discuss viral cultivation.
20. Describe the life cycle of malaria parasite.

(4×3=12)

SECTION – D

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

21. Discuss the etiology, transmission, pathogenesis, symptoms, diagnosis and treatment of Amoebiasis.
22. Discuss immunoprophylaxis.
23. Discuss on arboviral diseases.
24. Describe opportunistic and systemic mycoses in detail.

(2×5=10)