



K22U 1972

Reg. No. :

Name :

V Semester B.Sc. Degree (CBCSS – Supplementary) Examination,
November 2022

(2016 – 18 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. Protein spikes projecting on the virus envelope are called _____
2. Name the mosquito vector transmitting chikengunya.
3. Name the causative agent of elephantiasis.
4. Sporotrichosis is a _____ mycoses. (4×1=4)

SECTION – B

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

5. Mycotoxicosis
6. Neuraminidase
7. Cyst
8. KFD
9. Papovaviruses
10. Dermatophytes
11. Mode of action of Penicillin

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12. Black Piedra
13. Black water fever
14. Hypnozoites.

(7×2=14)

SECTION – C

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

15. Give an account of laboratory diagnosis of viral diseases.
16. Describe the characters and pathogenic significance of Hook worm.
17. Discuss briefly on Japanese encephalitis.
18. Superficial mycoses.
19. Leishmaniasis.
20. Give an account on Rabies.

(4×3=12)

SECTION – D

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

21. Describe different types of viral hepatitis on the basis of transmission, pathogenesis and prophylaxis.
22. Describe the morphology, life cycle, clinical symptoms and laboratory diagnosis of filarial infection.
23. Discuss different fungal infections of human beings with examples.
24. Discuss the etiology, transmission, pathogenesis, symptoms, diagnosis and treatment of trypanosomiasis.

(2×5=10)

