

D 110230

(Pages : 2)

Name.....

Reg. No.....

FIFTH SEMESTER (CBCSS-UG) DEGREE EXAMINATION, NOVEMBER 2024

Microbiology

MBG 5B 09—MEDICAL MICROBIOLOGY – I

(2019 Admission onwards)

Time : Two Hours

Maximum : 60 Marks

Section A*Short answer type questions.**Answer **all** questions..**Each question carries 2 marks.*

Write briefly on :

1. Staphylococcal food poisoning.
2. Quellung reaction.
3. Diphtheria toxin.
4. Duckering.
5. String test.
6. Tubercle.
7. Pyogenic Infections.
8. TCBS.
9. Pseudomembranous colitis.
10. WIDAL test.
11. Lowenstein-Jensen (LJ) Medium.
12. BCG.

(Ceiling 20 marks)

Section B*Paragraph type questions.**Answer **all** questions.**Each question carries 5 marks.*

Write notes on :

13. Describe the culture and identification of *Streptococcus pneumoniae*.
14. Explain the laboratory diagnosis of diphtheria.

Turn over

15. Explain the media used for the culture and identification of Salmonella.
16. Write a note on Mantoux test.
17. Describe briefly on Anthrax.
18. Explain the laboratory diagnosis of E. coli.
19. Explain the types of infections.

(Ceiling 30 marks)

Section C

*Essay type questions.
Answer any **one** question.
Question carries 10 marks.*

Write essay on :

20. Describe the morphology, cultural characteristics and pathogenesis of *Corynebacterium diphtheriae*, and add a note on prophylactic treatment.
21. Write an essay on Syphilis, its various stages, and methods for lab diagnosis.

(1 × 10 = 10 marks)