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(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.

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- ✓ 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)