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(Pages : 2)

Name.....

Reg. No.....

**FIFTH SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2023**

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. Traveller's diarrhoea.
2. Enteric fever.
3. TAB vaccine.
4. Rocky mountain spotted disease.
5. Streptolysins.
6. Endemic disease.
7. Acid fast bacteria.
8. Opportunistic pathogens.
9. VDRL test.
10. Cholera.
11. Diphtheria toxin.
12. Toxic shock syndrome.

(Maximum : 20 marks)

Turn over

Section B (Paragraph Type Questions)

*Answer **all** questions.*

Each question carries 5 marks.

Write notes on :—

1. Describe the various factors influencing virulence of pathogens.
2. Discuss the pathogenesis and complications of tetanus.
3. Give an account on the laboratory diagnosis of syphilis.
4. Discuss the morphological features and cultural characteristics of *Bacillus anthracis*.
5. List and explain the different sources of infection.
6. Give an account on typhus fever. Add a note on the pathogenesis of rickettsial diseases.
7. List and explain the different methods of transmission of diseases.

(Maximum : 30 marks)

Section C (Essay Type Questions)

*Answer any **one** questions.*

Question carries 10 marks.

Write essay on :—

1. Give a detailed account on the normal flora of human body.
2. Discuss the pathogenicity and virulence of *Staphylococcus aureus*. Add a note on Staphylococcal diseases.

(1 × 10 = 10 marks)