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Name.....

Reg. No.....

FIFTH SEMESTER U.G. DEGREE EXAMINATION, NOVEMBER 2021

(CBCSS—UG)

Microbiology

MBG 5B 08—IMMUNOLOGY

(2019 Admissions)

Time : Two Hours and a Half

Maximum : 80 Marks

Section A (Short Answer Type)

*Answer at least **ten** questions.*

Each question carries 3 marks.

All questions can be attended.

Overall Ceiling 30.

1. Variolation.
2. CALT.
3. Epitope.
4. Mast cells.
5. MHC.
6. HLA typing.
7. Opsonization.
8. Oncogenes.
9. Atopens.
10. CFT.
11. Neo-antigens.
12. Xenograft.
13. Paul Ehrlich.
14. Inflammation.
15. Racial immunity.

(10 × 3 = 30 marks)

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Section B (Paragraph Type)

*Answer at least five questions.
Each question carries 6 marks.
All questions can be attended.
Overall Ceiling 30.*

16. Allergy.
17. Components of blood.
18. Antigen presentation.
19. Agglutination.
20. GVH reactions.
21. Cell mediated immunity.
22. Factors influencing antigenicity.
23. Immunological properties of lymph.

(5 × 6 = 30 marks)

Section C (Essay Type)

*Answer any two questions.
Each question carries 10 marks.*

24. Explain the mechanism and classification of acquired immunity.
25. Explain Cancer immunology and also add a note on Cancer treatment.
26. Write an essay on autoimmunity.
27. Explain various organs of immune system.

(2 × 10 = 20 marks)