

QP Code: 402019

Reg. No.....

**Fourth Year B.Sc. Medical Microbiology Degree Supplementary
Examinations February 2021**

Immunology, Immunochemistry and Serology II

Time: 3 Hours

Total Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(2x15=30)

1. Classify immunodeficiency diseases. Discuss in detail the primary immunodeficiency diseases.
2. Define hypersensitivity. Describe in detail about the mechanism of anaphylaxis.

Short Essays

(2x10=20)

3. Discuss in detail the immunity against bacterial infections.
4. What are histocompatibility antigens and describe in detail transplant rejections

Short Notes

(6x5=30)

5. Transfusion reaction
6. Serum sickness
7. Graft versus host reactions
8. Tumour antigens.
9. Autoimmune haemolytic anaemia
10. Immunology of AIDS

Answer Briefly

(10x2=20)

11. Immunity to fungal infections.
12. Fresh frozen plasma
13. Rheumatoid arthritis
14. Isograft
15. Mixed lymphocytic response.
16. Minor blood group systems
17. Autoimmune disease of thyroid
18. Helper T cells
19. Contact dermatitis
20. Immunoglobulin G
