

2014 Scheme

QP Code: 402019

Reg. No.....

Fourth Year B.Sc. Medical Microbiology Degree Supplementary Examinations February 2022 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. Define and classify hypersensitivity reactions. Describe the mechanism of each with examples.
2. Define and classify immunodeficiency diseases and give a detailed description of primary immunodeficiencies.

Short Essays

(2x10=20)

3. Enumerate the important immunological tests employed for diagnosis of HIV infection.
4. Define and classify autoimmune diseases. Write various mechanisms involved in the development of autoimmune diseases.

Short Notes

(6x5=30)

5. MHC restriction
6. Phagocytosis
7. Complications of blood transfusion.
8. Write in detail about genotype and phenotype of ABO blood group.
9. Allergens.
10. Serum sickness

Answer Briefly

(10x2=20)

11. Interferon
12. Arthus reaction
13. Transitory infectious diseases
14. B cells
15. Ig A
16. Rh typing
17. Brief cell mediated immune responses on tumours.
18. Write about transfusion transmitted diseases.
19. Null cells
20. Pernicious anaemia
