

2014 Scheme

QP Code: 401020

Reg. No.....

Fourth Year B.Sc. Medical Biochemistry Degree Supplementary Examinations February 2022

Immunology and Immunochemistry

Time: 3 Hours

Total Marks: 80

- 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. Discuss the different blood group systems. Add a note on Rh incompatibility
2. Describe the principle, procedure and application of ELISA

Short Notes

(6x5=30)

3. Monoclonal antibodies
4. AIDS
5. Hypersensitivity reactions
6. Structure of immunoglobulin
7. Enumerate the causes of immunodeficiency
8. Immunofixation electrophoresis

Answer Briefly

(10x2=20)

9. Define hapten
10. Ames test
11. What are the different phases of cell cycle and their duration
12. Apoptosis
13. Principle of Coomb's test
14. Functions of B cells
15. Name the methods of transmission of diseases with examples
16. p53
17. Explain the difference between immunisation and vaccination
18. Define oncogenes
