

2014 Scheme

QP Code: 401020

Reg. No.....

Fourth Year B.Sc. Medical Biochemistry Degree Supplementary Examinations February 2021

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. Classify structure and functions of immunoglobulin. Add a note on monoclonal antibodies (10+5)
2. Describe general properties and components of complement system

Short Notes

(6x5=30)

3. Enzyme linked immune sorbent assay
4. ABO blood group system
5. Disorders of phagocytosis
6. Hypersensitivity
7. Cell mediated immunity
8. Lymphoid organs

Answer Briefly

(10x2=20)

9. Major histocompatibility complex
10. Adjuvants
11. Identification of Rh incompatibility
12. Immunofluorescence
13. Epitopes
14. Vaccines
15. Precipitation reactions
16. Routes of infection
17. Humoral immunity
18. Agglutination reactions
