

2016 Scheme

QP Code: 411020

Reg. No.....

Fourth Year B.Sc. Medical Biochemistry Degree Regular/Supplementary Examinations January 2023

Paper XII - Immunology and Immunochemistry

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. What are immunoglobulins. Enumerate the functions of immunoglobulins.
2. What are the cells and organs involved in the immune system. Discuss in detail the cell mediated immunity.

Brief Essays

(2x10=20)

3. Quantification of complements and its importance
4. AIDS

Short answers

(6x5=30)

5. Vaccines
6. Tumour markers
7. Apoptosis
8. ELISA
9. Phagocytosis
10. Complement fixation tests

Comment on

(10x2=20)

11. Agglutination reactions
12. Immunodiffusion
13. HDN
14. IgE
15. Rh immunisation
16. P53
17. G0 phase
18. Macrophages
19. Haptens
20. Adjuvants
