

2016 Scheme

QP Code: 412019

Reg. No.....

Fourth Year B.Sc. Medical Microbiology Degree Supplementary Examinations August 2022

Paper XII – Immunology, Immunohistochemistry 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 autoimmunity. Describe the mechanisms of autoimmunity.
2. Describe blood group systems. Write a note on complications following blood transfusion and its management.

Brief Essays

(2x10=20)

3. Define hypersensitivity. Discuss the mechanism of Type 2 hypersensitivity.
4. Immunology of AIDS

Short Answers

(6x5=30)

5. Graft versus host reaction
6. Systemic lupus erythematosus
7. Tuberculin test
8. Delayed type of hypersensitivity
9. Immunosuppressive therapy in cancer
10. Immunity to parasitic infections

Comment on

(10x2=20)

11. Chediak- Higashi Syndrome
12. Natural passive immunity
13. IgE
14. DiGeorge's syndrome
15. Macrophages
16. Allograft
17. Sandwich ELISA
18. Addison's disease
19. Serum sickness
20. Major histocompatibility complex
