

2016 Scheme

QP Code: 412019

Reg. No.....

Fourth Year B.Sc. Medical Microbiology Degree Regular/Supplementary Examinations February 2023

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. Classify immunodeficiency diseases. Describe humoral immunodeficiency disorders.
2. Define and classify hypersensitivity reactions. Describe delayed hypersensitivity reactions.

Brief Essays

(2x10=20)

3. Describe organ specific autoimmune disorders.
4. Describe the immunological reactions in HIV infection.

Short Answers

(6x5=30)

5. Immunological tolerance.
6. Haemolytic autoimmune diseases.
7. Arthus reaction.
8. Interferons.
9. Detection of type I hypersensitivity.
10. Coombs test.

Comment on

(10x2=20)

11. White graft response.
12. Myasthenia gravis.
13. Secondary mediators of anaphylaxis.
14. Rheumatoid arthritis.
15. Molecular mimicry.
16. Histocompatibility testing.
17. Immunotherapy of cancer.
18. Transfusion transmitted diseases.
19. Lazy leucocyte syndrome.
20. Tumor antigens.
