

2016 Scheme

QP Code: 412019

Reg. No.....

Fourth Year B.Sc. Medical Microbiology Degree Regular Examinations February 2021

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 hypersensitivity. Describe type 3 hypersensitivity.
2. Define immunodeficiency. Write a note on B cell Immunodeficiencies.

Brief Essays

(2x10=20)

3. Describe about blood group systems and its medical application
4. Define and classify tumour antigens. Add a note on immunotherapy of cancer

Short Answers

(6x5=30)

5. Mechanisms of autoimmunity.
6. Immunology of AIDS
7. Classification of transplants
8. IgM
9. Immunity to viral infections.
10. Mechanism of graft rejection.

Comment on

(10x2=20)

11. IgE
12. Erythroblastosis foetalis
13. Hyper-IgM syndrome
14. Wiskott-Aldrich syndrome
15. Immunological surveillance.
16. Chronic graft rejection.
17. Molecular mimicry
18. SLE (Systemic Lupus Erythematosus)
19. Role of macrophages
20. Blood component therapy.
