



বিদ্যাসাগর বিশ্ববিদ্যালয়

VIDYASAGAR UNIVERSITY

BMLT

3rd Semester Paramedical Examination 2021

CLINICAL IMMUNOLOGY

PAPER—VIII (Unit-15)

Full Marks : 40

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Group - A

Answer any *two* questions.

2×10

1. Write the classification of antigen-antibody reaction with example. State the monomeric structure of immunoglobulin. 4+6

2. What is the basis of immunodeficiency? Why HIV infection is associated with immuno deficiency? Write the replication of HIV in host cell. 3+2+5

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3. Write classical pathway of complement activation. State the defensive role of activated complement. 6+4
4. What do you mean by auto immunity? State the basis of 'Hasimoto disease'. Write the immuno logical aspect of erythroblastosis foetalis. 2+4+4

Group - B

Answer any *four* questions. 4×5

5. State in brief about primary and secondary response of immunization. Write the principle of vaccination. 3+2
6. What is immuno suppression? Write the principle of immuno suppression and its importance. 2+1½+1½
7. Write in brief about cellular and humoral immunity. 2½+2½
8. What do you mean by primary immune organ? Write the role of this organ in immunity. 2+3
9. State about 'live attenuated and heat killed vaccine'. Write the significance of booster dose. 3+2
10. Discuss in brief about the role of IgG, IgM, IgO, IgE and IgA.
11. Write the different types of organ transplantaion. State the role of MHC-II. 3+2
12. Describe the process of phagocytosis. What do you mean by PMNL? 4+1