

APRIL 2018

1709326/UBYA61A

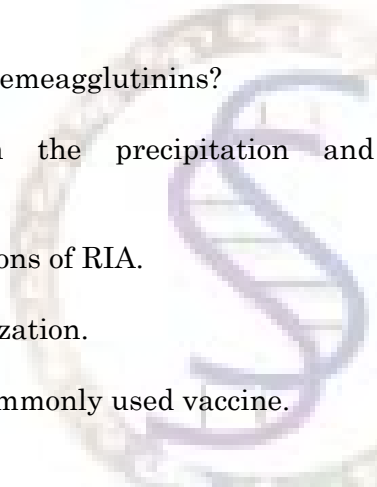
Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer any TEN questions.

Each question carries 2 marks.

1. Define cell mediated immunity.
 2. Explain the role of Thymus in immune system.
 3. What is meant by Hapten?
 4. Define Neo antigen.
 5. What is known as Iso hemeagglutinins?
 6. Differentiate between the precipitation and agglutination reaction.
 7. Give any two applications of RIA.
 8. Define passive Immunization.
 9. Give some examples commonly used vaccine.
 10. Define autoimmunity.
- 

11. Explain Hypersensitivity with suitable example.
12. Name a disease which can be diagnosed by using Vidal Test.

SECTION B — (5 × 5 = 25 marks)

Answer any FIVE questions.

Each question carries 5 marks.

13. Describe in detail about the organs involved in immune system.
14. Explain in detail classification of antibodies.
15. Discuss any five antigen-antibody reactions.
16. Classify the blood grouping.
17. Discuss the vaccination schedule for children.
18. Explain the consequences faced by Thyrotoxicosis Patients.
19. Discuss the disorders of T-cell deficiency.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

Each question carries 10 marks.

20. Discuss in detail about the types of Immunity.
21. Describe the clonal selection theory in detail.
22. Discuss in detail principal applications of ELISA.
23. Describe the production of monoclonal antibodies in detail.
24. Explain the following in detail.
 - (a) Type I hypersensitivity
 - (b) Type II hypersensitivity.

