

NOVEMBER/DECEMBER 2019

MAM13 — IMMUNOTECHNOLOGY

Time : Three hours

Maximum : 75 marks

SECTION A — (5 × 6 = 30 marks)

Answer ALL questions.

1. (a) Write about the evolutionary aspects of immunology.

Or

- (b) Draw neat sketch on Lymph node and explain it.

2. (a) Describe the types of Antigen.

Or

- (b) Write a brief note on MHC in relation to transplantation.

3. (a) Explain the structure and functions of IgA.

Or

- (b) Write a brief account on the pathway of membrane attack.

4. (a) Write short notes on Adjuvants with an examples.

Or

- (b) List out the properties of cytokine.

5. (a) Give an account on Active immunization.

Or

- (b) Define passive immunization. Explain in brief.

SECTION B — (3 × 15 = 45 marks)

Answer any THREE questions.

Describe in detail the various phenomena of innate immunity.

7. Write an elaborate account on T – cell receptors.
8. Discuss in detail about the monoclonal antibodies production.
9. Classify immunosuppression. Add notes on immunosuppressive drug and their functions.
10. Write a detailed account on preparation of various types of vaccine.