

NOVEMBER/DECEMBER 2018

MAM13 — IMMUNO TECHNOLOGY

Time : Three hours

Maximum : 75 marks

SECTION A — (5 × 6 = 30 marks)

Answer ALL questions.

1. (a) List out the milestones in immunology.

Or

- (b) What are granulocytes? Explain them.

2. (a) Define the following terms:

- (i) Antigen (ii) Hopten
(iii) Epitope.

Or

- (b) Write a short note on HLA typing.

3. (a) Give an account on B-cell receptor.

Or

- (b) Explain in brief about the affinity and avidity of antibodies.

4. (a) Write short note on delayed type hyper sensitivity.

Or

- (b) What is immunopotential? Write in brief about non-specific immuno potentiation.

5. (a) Explain in brief about passive immunization.

Or

- (b) Give an account on synthetic peptide vaccine with its advantages and disadvantages.

SECTION B — (3 × 15 = 45 marks)

Answer any THREE questions.

Explain the role of lymph node and spleen as secondary lymphoid organs.

7. Discuss the various features associated with antigenicity and immunogenicity.

8. What are immunoglobulin explain the types of immunoglobulin?

9. Explain the concept of humoral immune response.

10. Discuss AIDS as the secondary immuno deficiency disease.