

D. K. M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1**SEMESTER EXAMINATIONS****JUNE - 2022****19CZO6B****IMMUNOLOGY****Time: 3 Hours****Max. Marks: 75****SECTION – A (10 x 2 = 20)****Answer ALL the questions.****Define / Explain the following.**

1. NK cells.
2. Peristalsis.
3. Lymphocytes.
4. MALT.
5. Antibody.
6. Epitope.
7. Booster dose.
8. Adjuvants.
9. MHC.
10. Transplantation.

SECTION – B (5 x 5 = 25)**Answer ALL the questions.**

11. (a) What is innate immunity? Explain.
(Or)
(b) Write a short essay on the processes of Phagocytosis.
12. (a) Define lymphoid organs. Explain the functions of primary lymphoid organ.
(Or)
(b) Give a short notes on the structure and functions of spleen.
13. (a) Explain the structure and functions of Immunoglobulin IgG.
(Or)
(b) Give an account on production of monoclonal antibody production.
14. (a) What is immunization? Explain the live vaccine.
(Or)
(b) Give a short account on toxoids with suitable examples.
15. (a) Write notes on blood group antigen.
(Or)
(b) Give short notes on graft rejections.

SECTION – C (3 x 10 = 30)**Answer any THREE of the following questions.**

16. Write an essay on cellular factors of natural immunity.
17. Give a detailed account on secondary lymphoid organs.
18. Give a brief account on Immuno deficiency diseases.
19. Write an essay on detection of antigen and antibody reaction.
20. What is hypersensitivity? Explain delayed type of hypersensitivity.

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