D.K.M.COLLEGE FOR WOMEN(AUTONOMOUS),VELLORE-1

II M.Sc Biochemistry

Semester : III

Tile of the paper: IMMUNOLOGY

Subject Code : 15CPBC3C

SECTION-A 6 MARKS

1. Write a short note on primary lymphoid organ.
2. Write a note on thymus.
3. Give a note on spleen.
4. Give an account on secondary lymphoid organs.
5. Write a note on Granulocytes.
6. Give a short on phagocytic cells.
7. Write a note on Agranulocytes.
8. Write a note on Lymphocytes.
9. Give a short note on haptens.
10. Write a note on IgG.
11. Explain Allotypes and Idiotypes.
12. Explain alternative complement pathway.
13. Explain complement fixation test.
14. Give a note on Innate Immunity.
15. Explain antibacterial Immunity.
16. Give an account on antiviral Immunity.
17. Illustrate the difference between primary and secondary Response.
18. Write a note on antigen presenting cells.
19. Explain about the cellular Interactions.
20. Explain Immunological memory.
21. Give an account on Immuno tolerance.

22. Explain about the life cycle, pathogenesis and treatment of AIDS.
23. Write a note on SCID.
24. Explain about the B-cell deficiency diseases.
25. Write a note on T-cell deficiency diseases.
26. Write a note on killed and attenuated vaccines.
27. Give an account on Recombinant vaccines.
28. Discuss about active and passive Immunization.
29. Write a note on subunit vaccines.
30. Explain Immuno precipitation reactions.
31. Explain the technique Radio Immuno Assay.
32. Write a note on Immunoblotting.
33. Explain Immuno histochemistry.
34. Explain the principle and applications of Immunofluorescence.
35. Give a note on theories of antibody formation.
36. Explain class switching.
37. Give an account on MHC.
38. Write a note on lympho cytotoxicity test.
39. Describe Graft versus host reaction.
40. Give an account on Immuno suppression.
41. Explain delayed type Hyper sensitive reaction.
42. Give an account on Hashimoto`s thyroiditis.
43. Write a note on scleroderma.
44. Write a note on Grave`s diseases.
45. Give an account on multiple myeloma.
46. Give an account on Tumor antigens.
47. Explain about the Immune responsiveness to tumor.
48. Explain cancer Immunotheraphy.

SECTION-B 15 MARKS

1. Eloborate about the lymphoid organs.
2. Explain in detail about the cells of the Immune system.

3. Explain about the antibody structure and its classification.
4. Discuss about the complement pathway.
5. Explain the types of Immunity.
6. Describe antigen recognition, processing and presentation.
7. Explain in detail about the Immuno deficiency disorders.
8. Describe about the production of monoclonal antibodies.
9. Explain about the technique Immuno electrophoresis.
10. Explain ELISA.
11. Explain about Immunofluorescence.
12. Explain about the mechanism contributing to antibody diversity.
13. Discuss in detail about the generation of antibody diversity.
14. Explain about Transplantation reaction.
15. Explain the types of Hyper sensitivity.
16. Explain about autoimmunity.
17. Describe pathogenesis, life cycle, diagnosis and treatment of AIDS.
18. Explain in detail about Tumor Immunology.