IMMUNOLOGY

UNIT-1

2 MARKS:-

1) What is immunology?
2) What is mean by Attenuation?
3) Define immunity?
4) What is mean by adoptive immunity?
5) Define Rh factor?

5 MARKS:-

1) Differentiate between innate and adaptive immunity?
2) Write about phagocytosis role in immunity?
3) Write about passive immunity?
4) Differentiate between active acquired immunity from passive acquired immunity?
5) Describe an account on Rh blood grouping?

10 MARKS:-

1) Give a brief account of the history of immunology?
2) Write an essay on the various phenomena of innate immunity?
3) What is blood transfusion? Describe the immunological aspects of blood transfusion.
4) Give an account of the vaccines used in the prevention of various human diseases?
5) Describe the ABO blood grouping?
IMMUNOLOGY

UNIT-2

2 MARKS:-

1) Comment on lymphoid organ?
2) What are the primary lymphoid organs?
3) What are the secondary lymphoid organs?
4) Describe MALT?
5) Define lymphocytes? What are the three types?
6) Antigen presenting cells?
7) What is haemopoiesis?

5 MARKS:-

1) Explain bone marrow as a primary lymphoid organ?
2) Explain the immunological functions of spleen?
3) Differentiate the primary and secondary lymphoid organs?
4) Differentiate between T and B lymphocytes?
5) Write about lymphocytic traffic?
6) What is cell mediated immune response?
7) Write about the humoral immunity?

10 MARKS:-

1) Discuss the organization of the immune system?
2) Give detailed account on lymphocytes?
3) Write about T lymphocytes?
4) Write about B cells activation and its function?
5) Give detailed account on antigen presentation?
IMMUNOLOGY

UNIT-3

2 MARKS:-

1) What is mean by antigen?
2) What is mean by immunogenicity?
3) Comment on epitopes and paratopes?
4) What is mean by haptens?
5) Comment on vaccines?
6) What is mean by immunoglobulins?

5 MARKS:-

1) Describe the basic structure of immunoglobulins?
2) Describe the function of immunoglobulins?
3) Explain the function of IgA?
4) Explain the structure of IgG with the neat diagram?
5) Explain the structure of IgM?

10 MARK:-

1) Give a brief account of the essential factors for antigenicity?
2) What are vaccines? Describe the different types of vaccines?
3) Write an essay on the classification and distribution of immunoglobulins?
IMMUNOLOGY

UNIT-4

2 MARKS:-

1) Comment on antigen-antibody reaction?
2) What is mean by immune complex?
3) Define agglutination?
4) What is mean by opsonization?
5) Define immunofluorescence?

5 MARKS:-

1) Give an account on antigen – antibody reaction?
2) Describe the classical pathway of complement system?
3) Give an account on ELIZA?
4) Give an account on immunofluorescence?
5) Give a detail account on radioimmunoassay?

10 MARKS:-

1) Give an account of the alternative pathway of complement system?
2) What is precipitin reaction? Mention its application?
3) Give detailed account on ELIZA?
4) What is agglutination? Explain the different techniques?
IMMUNOLOGY

UNIT-5

2 MARKS:-

1) Define Hypersensitivity.
2) What are Factors causing hypersensitivity?
3) What are the Types of hypersensitivity?
4) What is mean by Erythroblastosis foetalis.
5) What is Mantoux reaction?
6) Define MHC.

5 MARKS:-

1) Write notes on:-
   a) Atopic allergy.
   b) Cutaneous anaphylaxis.
   c) Arthus reaction.
   d) Serum sickness.
2) What is precipitation? Describe the immunological technique designed on the principle of precipitation.
3) What is radioimmunoassay? Describe the procedure and its application.
4) What is agglutination? Describe the typing of ABO and Rh blood grouping.
5) Describe the structure of MHC.

10 MARKS:-

1) What is hypersensitivity? Classify it with an example.
2) Give an account of immune complex mediated hypersensitivity.
3) Write notes on:-
   a) Type ii hypersensitivity
   b) Type iii hypersensitivity
4) Give an account of delayed type hypersensitivity reaction.
5) What is transplantation? Describe the types of transplantation.