

10. Enteric fever may be due to
 - a. Food
 - b. Water
 - c. Both a & b
 - d. None of the above
11. Delayed hypersensitivity reaction is mediated by
 - a. T lymphocyte
 - b. B lymphocyte
 - c. Macrophages
 - d. All of the above
12. Which Immunoglobulin appear first in infection?
 - a. IgG
 - b. IgA
 - c. IgD
 - d. IgM
13. VDRL is example of
 - a. Precipitation
 - b. Flocculation
 - c. Agglutination
 - d. Both a and b
14. Largest Immunoglobulin is
 - a. IgG
 - b. IgM
 - c. IgD
 - d. IgA
15. Indirect Elisa most commonly done for
 - a. Ag
 - b. Ab
 - c. Both
 - d. None of the above
16. Which type of Antibody mediate type 1 hypersensitivity reaction?
 - a. IgG
 - b. IgA
 - c. IgM
 - d. IgE
17. Conjugate pad of ICT strip (for Ag detection) contains
 - a. Colloidal gold Ab
 - b. Antigen
 - c. Antihuman globulin
 - d. Both a & c
18. Production of colour shows negative result in
 - a. Indirect Elisa
 - b. Sandwich Elisa
 - c. Competitive Elisa
 - d. Direct Elisa
19. Which immunoglobulin class can pass through placenta?
 - a. IgA
 - b. IgE
 - c. IgM
 - d. IgD
20. Allograft means
 - a. Transplant between different species
 - b. Transplant between same species and genetically identical
 - c. Transplant between same species but not genetically identical
 - d. Grafting from own body

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(Descriptive)

Time : 2 hrs. 30 min.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

1. Define precipitation and agglutination reaction along with example. Importance immunity in our body. 4+6=10
2. Define antibody and antigen. Write notes on IgM and IgG. 10
3. a. Explain briefly about Coomb's Testing 5+5=10
b. Write short notes on indirect IFT.
4. Write short note on classical pathway. 10
5. Explain briefly about hypersensitivity reaction. 10
6. Explain briefly about competitive and sandwich ELISA along with diagram 10
7. a. Explain the WIDAL Test 6+4=10
b. Write short notes on erythroblastosis fetalis.
8. a. Write note on types of transplantation. 4+6=10
b. Explain the factor affecting antigenicity.

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