

CLASS: XII**ONE MARK SPECIAL TEST -2014-15
UNIT- 3 IMMUNOLOGY****MAX.MARKS: 40****Choose and write the correct answer****40 X 1 = 40**

1. Which of the following can induce immunity
a) bacteria b) viruses c) parasites d) all the above
2. Skin is a/an
a) anatomical barrier b) physiological barrier c) phagocytic barrier d) inflammatory barrier
3. Which among the following is anti-bacterial ?
a) interferon b) lysozyme c) hormone d) protein
4. Which of the following is anti-viral
a) lysozyme b) interferon c) protein d) hormone
5. Identify the phagocytic cells from the following combinations
a) Macrophage and neutrophil b) Lymphocyte and eosinophil
c) Macrophage and eosinophil d) Eosinophil and neutrophil
6. Histamine is secreted by
a) Epithelial cell b) Mast cells c) Red blood cells d) white blood cells
7. Humoral immunity consists of
a) normal cells b) pathological cells c) cytotoxic cells d) immunoglobulin molecules
8. Which type of graft is used in plastic surgery ?
a) xenograft b) allograft c) autograft d) isograft
9. MHC genes in mouse is located in
a) Chromosome 1 b) Chromosome 2 c) Chromosome 4 d) Chromosome 6
10. Which of the following is an auto immune disease ?
a) AIDS b) Multiple sclerosis c) Cancer d) Asthma
11. Which antibody characterizes the allergic reaction
a) Ig G b) Ig A c) Ig M d) Ig E
12. SCID is due to
a) Adenosine deaminase deficiency b) Glucose oxidase deficiency
c) Phosphatase deficiency d) Lactate dehydrogenase deficiency
13. Which of the following causes AIDS ?
a) Bacteria b) Fungus c) Retro virus d) TMV
14. Thymus growth occurs up to
a) 17 years b) 12 years c) 5 years d) 30 years
15. Which of the following secretes immunoglobulin
a) T-lymphocyte b) B-lymphocyte c) Macrophage d) Mast cells
16. The H-chain of immunoglobulin has a molecular weight
a) equivalent to that of light chain b) Twice that of light chain
c) Triple the amount of light chain d) Twice as that of dark chain
17. Immunoglobulins are chemically
a) glycogens b) glyco-proteins c) glycolipids d) Lipo-proteins
18. Hyper variability regions are present in
a) heavy chain only b) light chain only c) heavy and light d) dark chain
19. Organ transplantation from pig to human is an example for
a) Autograft b) Allo-graft c) Iso-graft d) Xeno-graft
20. Graft between identical twins is called
a) Xeno-graft b) Allograft c) Auto graft d) Iso graft

21. Which is acting as a filter for trapping circulatory blood born foreign particles?
 a) Thymus b) Spleen c) Lymph node d) Liver
22. The part of the antibody molecule which makes contact with the antigen is called
 a) Hapten b) Constant region c) Epitope d) Paratope
23. The Hassall's corpuscles are seen in
 a) Cortex of lymph nodes b) Cortex of thymus c) Medulla of lymph nodes d) Medulla of thymus
24. Which one of the following is the thymic dependent area in lymph node?
 a) Cortical follicle b) Medulla c) Inlet duct d) Paracortical area
25. Phagocytosis is performed by.....
 a. Erythrocytes b. Thrombocytes c. Leucocytes d. antibodies
26. Histamine and prostaglandin are secreted by.....
 a. mast cells b. Macrophages c. Delta cells d. Peyer's patches
27. cytotoxic lymphocytes are a sub group of
 a. B-cells b. Platelets c. T-cells d. MALT
28. The T-cells get matured in
 a. Thigh muscles b. Thyroid c. Thymus d. Lymph nodes.
29. Thymus reaches its maximal size.....
 a. at 12 month b. Before birth c. In third month d. at the age of 5
30. Dinitrophenol is an example of.....
 a. antigen b. Immunogen c. Hapten d. MHC
31. Cell mediated immunity is performed by.....
 a. Macrophages b. B-lymphocytes c. Cytotoxic lymphocytes d. dendritic cells
32. Primary lymphoid organ in the bird is
 a. Thymus b. Spleen c. Bursa of fabricius d. Bone Marrow
33. The molecular weight of 'H' chain of immunoglobulin is
 a. 25,000 daltons b. 50,000 daltons c. 30,000 daltons d. 40,000 daltons
34. The natural killer cells are
 a. Macrophages b. T-lymphocytes c. B-lymphocytes d. Neutrophils
35. Antibody mediated immunity is directed by.....
 a. B-lymphocytes b. T-lymphocytes c. Macrophages d. Cytotoxic lymphocytes
36. Rheumatoid arthritis is an example of
 a. Hypersensitivity b. Auto immune disease c. Immunodeficiency disease d. Mechanical disease
37. The number of lymph nodes distributed in human body is about.....
 a. 600 b. 700 c. 800 d. 900
38. Which is called as antigenic determinant?
 a. Paratopes b. Epitopes c. Haptens d. Haplotypes
39. What is the least number of hot spots in immunoglobulin?
 a. 6 b. 5 c. 4 d. 3
40. Which one of the following is a chemical alarm signal ?
 a. Lysozyme b. Interferon c. Histamine d. HCl