

Multiple Choice Questions – Immunology

1. Which of the following can induce immunity  
a) bacteria            b) virus            c) parasite            d) all the above
2. Skin represents a \_\_\_ barrier.  
a) anatomical            b) physiological            c) phagocytic            d) inflammatory
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) None of above
7. Humoral immunity consists of \_\_\_\_.  
a) Normal cells            b) Pathological cells  
c) cytotoxic cells            d) Immunoglobulin
8. Which type of graft is used in plastic surgery.  
a) Xenograft            b) Allograft            c) Autograft            d) Isograft
9. M.H.C. genes in mouse located in the chromosome \_\_\_\_  
a) 1            b) 2            c) 4            d) 6
10. Which of the following is an autoimmune disease ?  
a) AIDS            b) Multiple Sclerosis            c) Cancer            d) Asthma
11. Which antibody characterizes the allergic reaction.  
a) IGG            b) IGA            c) IGM            d) IGE
12. SCID is due to \_\_\_\_.  
a) Adenosine deaminase deficiency            b) Glucose oxidase deficiency  
c) Phosphate deficiency            d) none of the above
13. Which of the following causes AIDS?  
a) Bacteria            b) Fungus            c) Retro virus            d) TMV
14. Thymus growth occurs upto \_\_\_\_.  
a) 17 years            b) 12 years            c) 5 years            d) 30 years

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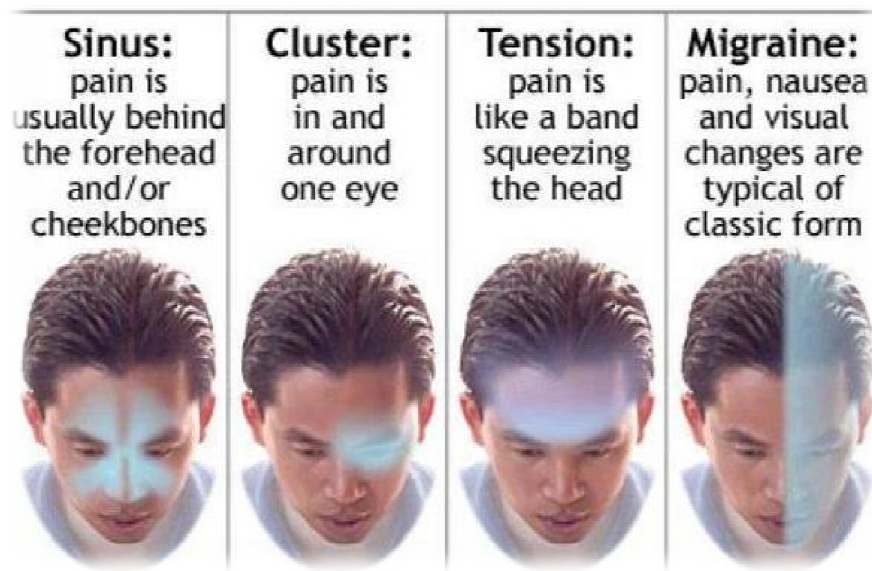
15. Which of the following secretes immunoglobulin?  
a) T-Lymphocyte                          b) B- Lymphocyte  
c) Macrophage                                d) Mast cells.
16. The H-chain of the immunoglobulin has a molecular weight \_\_\_\_.  
a) Equivalent to that of light chain          b) Twice that of light chain  
c) Triple the amount of light chain          d) Twice as that of dark chain
17. Immunoglobins are chemically \_\_\_\_.  
a) Glycogens                  b) Glycoproteins                  c) Glycolipids                  d) Lipo-protein
18. Hyper variability regions are present in \_\_\_\_.  
a) heavy chain only                          b) light chain only  
c) heavy and light                          d) dark chain
19. Organ transplantaion from pig to human is an example for \_\_\_\_.  
a) Auto graft                  b) Allo graft                  c) Iso graft                  d) Xeno graft
20. Graft between identical twins is called \_\_\_\_.  
a) Xeno graft                  b) Allo graft                  c) Auto graft                  d) Iso graft
21. Phago cytos is performed by \_\_\_\_.  
a) Erythrocytes                  b) Leucocytes                  c) Thrombocytes                  d) None
22. Natural killer cells are \_\_\_\_.  
a) T-Lymphocytes                  b) B-Lymphocytes                  c) Stem cells                  d) Delta cells
23. Cell mediated immunity is the responsibility of \_\_\_\_.  
a) cytotoxic lymphocytes                  b) antigen presenting cells.  
c) B-type of lymphocytes                  d) T4 cells
24. Primary Lymphoid organ in birds is \_\_\_\_.  
a) Bone marrow                  b) Thymus                  c) Bursa fabaricus                  d) spleen
25. The thymus develops at above \_\_\_\_.  
a) 12<sup>th</sup> week of gestation                  b) 3<sup>rd</sup> week of gestation  
c) 6<sup>th</sup> week of gestation                  d) 4<sup>th</sup> week of gestation
26. The primary function of thymus is \_\_\_\_.  
a) Production of phagocytes                  b) Production of lymphocytes  
c) Production of T cells                  d) Production of B cells
27. The total number of lymph nodes in human body is about \_\_\_\_.  
a) 500                  b) 700                  c) 600                  d) 800

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28. The largest lymphoid organ is \_\_\_\_.  
a) Thymus                      b) Bone marrow      c) Liver                      d) Spleen
29. An example for haptens is \_\_\_\_.  
a) Hydrogen sulphide                      b) Hydrogen per oxide  
c) Surface protein                      d) Dinitro Phenol
30. The two H-chains of immunoglobins are joined by \_\_\_\_.  
a) Disulphide bond                      b) 1-5 disulphide S-S bonds  
c) Hydrogen bond                      c) Nitrogen bond
31. Who explained the value of graft rejection.  
a) Medewar                      b)Johansson                      c) Garrot                      d) Gallo
32. The array of HLA alleles on a homologue of our chromosome 6 is known as\_\_.  
a) VS graf                      b) TNF                      c) Inter leukin                      d) Haplotype
33. The viral RNA genome is converted into DNA copy by viral enzyme \_\_\_\_.  
a) transcriptase                      b) reverse transcriptase  
c) oxydase                      d) oxy-reductase
34. Name of the Leucocyte that increase during the allergic reactions –  
a) Basophils                      b) Eosinophils                      c) Neutrophils                      d) Lymphocytes

## Headaches



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