

Question # 1 of 30 (Start time: 05:45:48 PM, 30 December 2020)

To

In human body, HIV infected cells are killed by

Select the correct option



neutrophils



macrophages



natural killer cells



dendritic cells

Question # 2 of 30 (Start time: 05:47:31 PM, 30 December 2020)

There are sub-classes of IgG immunoglobulins depending upon disulfide bonds and length of hinge region.

Select the correct option



3



2



4



5

Question # 2 of 30 (Start time: 05:47:31 PM, 30 December 2020)

There are sub-classes of IgG immunoglobulins depending upon disulfide bonds and length of hinge region.

Select the correct option



3



2



4



5

Question # 3 of 30 (Start time: 05:48:18 PM, 30 December 2020)

Class I MHC molecules are synthesized and assembled inside

Select the correct option



Golgi bodies



Proteosome



Ribosome



Endoplasmic reticulum

Question # 4 of 30 (Start time: 05:49:30 PM, 30 December 2020)

There are around 300 variable genes for chain of antibody.

Select the correct option



lambda light chain



heavy chain



kappa light chain



joining

Question # 4 of 30 (Start time: 05:49:30 PM, 30 December 2020)

There are around 300 variable genes for chain of antibody.

Select the correct option



lambda light chain



heavy chain



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joining

Question # 5 of 30 (Start time: 05:51:11 PM, 30 December 2020)

To

FACS stands for

Select the correct option



Fluorescence Activated cell separation



Fluorescence Activated cell sorting



Flow Activated cell separation



Flow Activated cell sorting

Question # 6 of 30 (Start time: 05:52:23 PM, 30 December 2020)

To

These all are true for secondary lymphoid organs EXCEPT

Select the correct option



Site of interaction of antigen & lymphocytes



Present in Various Anatomical Location



Involve in innate immune response



Site of interaction of antigen presenting cells & lymphocytes

Question # 7 of 30 (Start time: 05:53:17 PM, 30 December 2020)

To

In lectin pathway for complement activation..... [bind to surface](#) of pathogens containing in their cell wall.

Select the correct option



MBL, mannose



mannose, MBL



MBL, MBL



Mannose binding lectins, MBL

Question # 8 of 30 (Start time: 05:55:02 PM, 30 December 2020)

To

Immunoglobulin that causes the agglutination reaction is called

Select the correct option



agglutinin



antigen



antibody



agglutinant

Question # 9 of 30 (Start time: 05:56:36 PM, 30 December 2020)

To

There are some types and sub types of antibodies based on the kind of of antibodies.

Select the correct option



light chains



heavy chain



variable region



constant region

Question # 10 of 30 (Start time: 05:58:17 PM, 30 December 2020)

To

Myeloid lineage progenitor cells give rise to the following immune cells EXCEPT

Select the correct option



Monocytes



Dendritic cells



Neutrophils



Natural killer cells

Question # 11 of 30 (Start time: 05:58:59 PM, 30 December 2020)

To

Secretory immune molecules are ineffective against

Select the correct option



intracellular pathogens



extracellular pathogens



viruses



bacteria

Question # 11 of 30 (Start time: 05:58:59 PM, 30 December 2020)

To

Secretory immune molecules are ineffective against

Select the correct option



intracellular pathogens



extracellular pathogens



viruses



bacteria

Question # 12 of 30 (Start time: 06:00:19 PM, 30 December 2020)

To

Particulate antigens are considered as more immunogenic as compared to

Select the correct option



Soluble antigens



Protozoal antigens



Bacterial antigens



Hapten

Question # 12 of 30 (Start time: 06:00:19 PM, 30 December 2020)

To

Particulate antigens are considered as more immunogenic as compared to

Select the correct option



Soluble antigens



Protozoal antigens



Bacterial antigens



Hapten

Question # 13 of 30 (Start time: 06:01:17 PM, 30 December 2020)

To

Flushing actions of tear and saliva are the of innate immune system.

Select the correct option



secretory component



chemical factor



mechanical factor



humoral component

Question # 13 of 30 (Start time: 06:01:17 PM, 30 December 2020)

To

Flushing actions of tear and saliva are the of innate immune system.

Select the correct option



secretory component



chemical factor



mechanical factor



humoral component

Question # 14 of 30 (Start time: 06:02:51 PM, 30 December 2020)

To

Lymphoid lineage progenitor cells give rise to-----

Select the correct option



B-Lymphocytes



T-Lymphocytes



Natural Killer



All of given

Question # 15 of 30 (Start time: 06:03:41 PM, 30 December 2020)

To

Following are three components of innate immune system EXCEPT

Select the correct option



Anatomical barrier



Humoral barrier



Cellular barrier



Antibody barrier

Question # 16 of 30 (Start time: 06:04:24 PM, 30 December 2020)

To

..... of the immunoglobulin are responsible for the determination of specificity of immunoglobulin.

Select the correct option



Variable regions



Constant regions



Heavy chain



Joining regions

Question # 17 of 30 (Start time: 06:05:24 PM, 30 December 2020)

To

The portion of that combines with products of immune system is called epitope.

Select the correct option



antigenic determinant



antibody



antigen



adjuvant

Question # 18 of 30 (Start time: 06:06:17 PM, 30 December 2020)

To

Super-antigens have the ability to activate of T-cells polyclonally.

Select the correct option



25%



10%



5%



50%

Question # 20 of 30 (Start time: 06:09:21 PM, 30 December 2020)

To

The primary and secondary antibody response are same in case of

Select the correct option



T-dependent antigens



T-independent antigens



primary injection of antigens



secondary injection of antigens

Question # 21 of 30 (Start time: 06:11:00 PM, 30 December 2020)

To

Kappa and lambda are the types of.....of antibodies.

Select the correct option



heavy chain



variable region



light chains



constant region

Question # 22 of 30 (Start time: 06:11:33 PM, 30 December 2020)

To

.....are the proteins that bind with iron and deprive bacteria from iron.

Select the correct option



Lactoferrin and interferon



Transferrin and interferon



Interleukin and lactoferrin



Lactoferrin and transferrin

Question # 23 of 30 (Start time: 06:12:06 PM, 30 December 2020)

To

The substrate of horseradish peroxidase is

Select the correct option

O⁻O₂H₂OH₂O₂

Question # 24 of 30 (Start time: 06:12:48 PM, 30 December 2020)

To

Following route of administration of vaccine is considered as appropriate in term of optimum immune response

Select the correct option



sub-cutaneous



intravenous



gastric



intramuscular

Question # 25 of 30 (Start time: 06:13:56 PM, 30 December 2020)

To

The principles of hybridoma formation include all of the following EXCEPT

Select the correct option



Injection of mice with an antigen



Fusion of lymphocyte with Myeloma cell



Isolation of T-lymphocyte from spleen of mice



Selection hybridoma cell

Question # 26 of 30 (Start time: 06:15:16 PM, 30 December 2020)

To

The process of engulfing the invading or infectious agent by phagocytes is known as

Select the correct option



Lysosomal Lysis



Engulfolysis



Phagocytosis



Parthenogenesis

Question # 27 of 30 (Start time: 06:16:50 PM, 30 December 2020)

To

The region on antibody which interact with the antigenic determinant of an antigen is known as

Select the correct option



determinant



paratope



native determinant



epitope

Question # 28 of 30 (Start time: 06:17:59 PM, 30 December 2020)

To

The kinetics of primary antibody response against T-dependent antigens consist of phases.

Select the correct option



3



2



4



6

Question # 29 of 30 (Start time: 06:19:37 PM, 30 December 2020)

To

MHC II molecules contain highly conserved regions for binding to CD4 receptors.

Select the correct option

 $\alpha 1$ & $\beta 2$  $\alpha 2$ & $\beta 2$  $\alpha 2$ & $\beta 1$  $\alpha 3$ & $\beta 2$

Question # 30 of 30 (Start time: 06:21:18 PM, 30 December 2020)

To

Antibodies fragments are generally produced by the action of enzyme.

Select the correct option



pepsin



papain



pectinase



cellulase

Question # 30 of 30 (Start time: 06:21:18 PM, 30 December 2020)

To

Antibodies fragments are generally produced by the action of enzyme.

Select the correct option



pepsin



papain



pectinase



cellulase