

Question # 3 of 30 (Start time: 05:48:14 PM, 07 July 2020)

Total Marks: 1

AIDS stands for

Select the correct option

☒	Acquired immunodeficiency syndrome	//
☐	Acute immunodeficiency syndrome	//
☐	Acquired immune system	//
☐	Active immunodeficiency symptom	//

Question # 5 of 30 (Start time: 05:50:21 PM, 07 July 2020)

Total Marks: 1

Domains are the folded regions in immunoglobulin molecules which contain an

Select the correct option

☐	covalent bond	//
☐	inter-chain disulfide bond	//
☒	intra-chain disulfide bond	//
☐	hydrogen bond	//

Question # 6 of 30 (Start time: 05:51:35 PM, 07 July 2020)

Total Marks: 1

..... immunodiffusion is used for the qualitative analysis of complex mixture of antigen.

Select the correct option

- ☐ radial
- ☐ single
- ☒ double
- ☐ precipitation

Question # 7 of 30 (Start time: 05:52:27 PM, 07 July 2020)

Total Marks: 1

Activation induced cytidine deaminase play essential role in the deamination of

Select the correct option

☒	DNA	//
☐	RNA	//
☐	mRNA	//
☐	protein	//

Question # 8 of 30 (Start time: 05:53:09 PM, 07 July 2020)

Total Marks: 1

RSS stands for

Select the correct option

- ☐ Recombining Signal Sequence
- ☐ Reactive Signal Sequence
- ☒ Recombination Signal Sequence
- ☐ RNA Signal Sequence

Question # 1 of 30 (Start time: 05:45:41 PM, 07 July 2020)

These all are true for IgE immunoglobulin EXCEPT

Select the correct option



least common serum antibody



exist as monomer



involve in allergic reactions



responsible for virus killing

Question # 2 of 30 (Start time: 05:47:06 PM, 07 July 2020)

..... 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 # 4 of 30 (Start time: 05:48:50 PM, 07 July 2020)

Peyer patches are secondary lymphoid which are present

Select the correct option



Inside the GIT



Underneath the liver



Underneath the ear



In throat

Question # 9 of 30 (Start time: 05:53:48 PM, 07 July 2020)

..... commonly called skin peeling, is the shedding of the outermost membrane or layer of a tissue, such as the skin.

Select the correct option



Desquamation



Squamation



Removal of mucus lining



Peristalsis

Question # 10 of 30 (Start time: 05:55:29 PM, 07 July 2020)

Infectious diseases that spread from person to person are said to be

Select the correct option



contagious



dangerous



viral



fatal

Question # 11 of 30 (Start time: 05:56:48 PM, 07 July 2020)

All are true for adaptive immune system EXCEPT

Select the correct option



Readily available



Specific



Second line of Defense



Memory

Question # 12 of 30 (Start time: 05:57:44 PM, 07 July 2020)

SCID is caused by the deficiency of enzyme(s)

Select the correct option



RAG-1 & RAG-2



cytidine deaminase



REC-2



REC-1

Question # 13 of 30 (Start time: 05:58:36 PM, 07 July 2020)

Affinity is the strength of binding between antigenic determinant and antibody site.

Select the correct option



multivalent



multiple



single



different

Question # 14 of 30 (Start time: 05:59:14 PM, 07 July 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 # 15 of 30 (Start time: 06:00:03 PM, 07 July 2020)

RSS are the sequences which are flanked between the V, D and J

Select the correct option



point mutation



terminals



introns



exons

Question # 16 of 30 (Start time: 06:00:48 PM, 07 July 2020)

Antigen binding Groove of Class I MHC can accommodate the peptides consisting of amino acids.

Select the correct option



20-30



13-25



8-10



30-40

Question # 17 of 30 (Start time: 06:01:29 PM, 07 July 2020)

Classical complement pathway is also known as pathway.

Select the correct option



antibody dependent



antibody independent



opsonin dependent



proenzyme dependent

Question # 19 of 30 (Start time: 06:05:06 PM, 07 July 2020)

A is a membrane-bound cell organelle that contains digestive enzymes.

Select the correct option

☐

phagolysosome

☐

lysozyme

☐

phagosome

☒

lysosome

Question # 20 of 30 (Start time: 06:06:30 PM, 07 July 2020)

Unknown antibody can be determined by using ELISA.

Select the correct option



indirect



direct



sandwich



complement

Question # 22 of 30 (Start time: 06:08:45 PM, 07 July 2020)

During equilibrium phase of immunogen clearance after primary injection, occurs.

Select the correct option



antibodies combines with antigens



activation macrophages & phagocytic cells



rapid diffusion of antigens



decay of antigens

Question # 24 of 30 (Start time: 06:11:11 PM, 07 July 2020)

These all factors influence the antigen and antibody reaction EXCEPT

Select the correct option



Affinity



Avidity



Ratio of antigen and antibody



chemical composition

Question # 25 of 30 (Start time: 06:12:05 PM, 07 July 2020)

These all are principles for clonal selection of **lymphocytes** EXCEPT

Select the correct option



Unique Receptor Specificity



Lymphocyte Activation



Differentiation of lymphocyte



Selection of lymphocytes bearing receptors against self-molecules

Question # 26 of 30 (Start time: 06:13:11 PM, 07 July 2020)

During the regulation of VDJ recombination, Recombination occurs after the removal of introns between in case of light chain

Select the correct option



D & J



V & J



V, D & J



V & D

Question # 27 of 30 (Start time: 06:14:26 PM, 07 July 2020)

These all are true for intracellular pathogens EXCEPT

Select the correct option



Secretory immune molecules are ineffective



Cell mediated immune response is the primary defense



Cell mediated immune response varies according to the residing site of the pathogen



B-Lymphocytes play role in cell mediated immunity

Question # 28 of 30 (Start time: 06:15:20 PM, 07 July 2020)

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 # 29 of 30 (Start time: 06:16:24 PM, 07 July 2020)

Particulate nature of antigen causes the reaction when react with corresponding antibody.

Select the correct option



agglutination



precipitation



complement



antibody production

Question # 30 of 30 (Start time: 06:18:08 PM, 07 July 2020)

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

Select the correct option



$\alpha 1$ & $\beta 2$



$\alpha 2$ & $\beta 2$



$\alpha 2$ & $\beta 1$



$\alpha 3$ & $\beta 2$