## Yashwantrao Chavan College of Science, Karad BIOTECHNOLOGY (Opt/Voc)

## B.Sc. (Part-II) (Sem-IV) Immunology (Paper VII) Question Bank

## **MCQ**

i)immunity involves transfer of ant		
a) Artificial active	b) Artificial passive	
c) Natural passive	d) Natural active.	
ii) In human B cells mature in the		
a) GALT	b) Spleen	
c) Thymus	d) Bone marrow	
iii)The branch of biology which involve the	study of immune system in all	
organism is called		
a)Zoology	b)Immunology	
c)Microbiology	d)Biotechnology	
iv) The substance that induce specific immu	ne response is called as	
a)Immunogen	b) Toxin	
c)Antigen	d) Epitope	
v)is primary lymphoid organ.		
a)Thymus	b)Bonemarrow	
c) Spleen	d) Tonsils	
vi)of the following compounds is n	not found in tears.	
	1 > T	
c)Lactoferin d) Ig	E	
vii)The molecular weight of the light chain	of an Immunoglobulin is	
a)25KDa	b) 50KDa	
c)50KDa	d)10KDa	
viii)Surface markers of lymphocytes commo	only known as	
a) CD markers	b) Ligands	
c) CDRs	d)Receptors	
ix)of the following immunity is o	btained during a lifetime.	

a)Acquired immunity	b) Active immunity
c)passive immunity	d)None of the above
x)Hepatitis is an example of	·
a) Subunit Vaccine	
c) Toxoids Vaccine	d) Recombinant Vaccine
Xi)Interferons are	
a)Cytokine barriers	b)Physical Barriers
c)Cellular barriers	d)Physiological barriers
xii)Monocytes differenciate int	o which kind of phagocytic cells
a)Neutrophil	b)B cell
c)Macrophages	d) T cell
xiii)How many types of antibod	lies are there?
a)Five b)Th	ree
c)Two d)Fe	
xiv) of the following of	ells is involved in cell-mediated immunity
a)Leukaemia b	) T cells
c)Mast Cells	-
xv)antibody causes a n	nain immune response
. •	b) <b>IgM</b>
c)IgA	d)IgE
<b>Long Questions</b>	
i)Define an Antibody.Explain in	n detail IgG immunoglobulin
ii)What is defense mechanism.I	Explain specific defense mechanism.
iii)Define immunity.Give in det	ail account of different types of immunity.
iv)Explain in detail secondary l	ymphoid organs their roles.
v)Define immunity.Give in detaimmunity.	ail account of different types of acquired
vi)What is antigen. Explain prin	ncipal, mechanism of agglutination and
precipitation.	
vii)Explain Antigen and Antibo antibody test	dy reactions-a)ELISA and b)Fluroscent

## **Short Notes**

- i)Secondary immunity
- ii)Structure of Antibody
- iii)Nk cells
- iv)First line of defense
- v)IgA
- vi)Primary lymphoid organ
- vii) Macrophages
- viii) T lymphocytes and B lymphocytes
- ix) Primary immunity
- x)ELISA
- xi)Types of antigens
- xii)First line of defense
- xiii)Second line of defense
- xiv)Factors affecting on antigenecity
- xv)Hypersensitivity.