GPLUS EDUCATION

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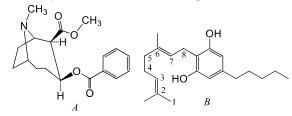
HUMAN HEALTH AND DISEASE

	Single Correct Answer Type					
1.	Cannabis sativa is the sou	ırce of				
	a) Opium	b) LSD	c) Marijuana	d) cocaine		
2.		a pair of bacterial diseases	•			
	a) Typhoid and Pneumor	_	b) Malaria and AIDS			
	c) Ringworm and AIDS		d) Cold and Malaria			
3.	Which of the following is	a protozoan disease?				
	a) Malaria	b) Amoebiasis	c) Sleeping sickness	d) All of these		
4.	Antibody is connected wi	th				
	a) Skeletal system	b) Circulatory system	c) Immune system	d) Respiratory system		
5.	Which of the following va	accines are injected to babie	es at age of $1\frac{1}{2}$, $2\frac{1}{2}$ and $3\frac{1}{2}$ r	nonths?		
	a) DPT-Hib and polio		b) Polio and BCG			
	c) BCG and DPT-Hib		d) BCG and hepatitis-B			
6.	Interferons protect healt	hy cells in human from				
	a) Viral infection	b) Bacterial infection	c) Fungal infection	d) Protozoan infection		
7.	During an allergic reaction	on, the binding of antigens t	o IgE antibodies initiates a	response, in which		
	chemicals cause the dilat	ion of blood vessels and a h	ost of other physiological c	hanges. Such chemicals are		
	a) Interferons	b) Hormones	c) Histamines	d) acetylamine		
8.	Colostrum provides the i	nfant with	27312011			
	a) Autoimmunity	b) Passive immunity	c) Active immunity	d) Innate immunity		
9.	Which class of antibodies	is abundant in body secret	ion			
	a) IgM	b) IgA	c) IgG	d) IgE		
10.	Which of the following co	ells are related with inflamn	natory reactions and imme	diate hypersensitivity?		
	a) Mast cells	b) Plasma cells	c) Both (a) and (b)	d) All of these		
11.	ELISA is used to detect v	iruses, where the key reage				
	a) DNA probe		b) RNA Aase			
	c) Alkaline phosphatase		d) Catalase			
12.	_	ealth disorder includes sym	ptoms of fever, chills, cougl	h, headache, gray or bluish		
	lips and finger's nails?					
	a) Filariasis	b) Typhoid	c) Pneumonia	d) Malaria		
13.		id organ where all blood ce				
	a) Bone marrow	b) Tonsils	c) Liver	d) Spleen		
14.		to manifest a characteristi		al syndrome on abrupt		
	=	r dose of drugs/alcohol is c				
	a) Depression	b) Dependence	c) Abnormalty	d) All of these		
15.		consider the following state				
	-	ole for common cold which i	intects the nasal epithelium	and respiratory passage		
	but not the lungs					

	II. The symptoms of common cold included nasal congestion and discharge, sore throat, gruffiness, cough,						
	headache and tir	edness					
	Which of the stat	ement given a	bove is/are corre	ct?			
	a) Only I	b) 0	nly II	c) I and II	d) None of these		
16.	Mast cells have in	nportant role	in the developme	nt of			
	a) Allergens		llergy	c) Inflammation	d) Both (b) and (c)		
17.	Which of the following is related to humoral immunity?						
	a) T-lymphocyte		- lymphocyte	c) I- lymphocyte	d) P- lymphocyte		
18.	Note the following	-					
		I. Phagocytes					
		V. Inflammatio	on				
	V. Antibodies V	T. T-cells					
	VII. Fever V	III. Antimicro	bial proteins				
		K. Secretions	•				
	Identify the facto	rs involved in	second line of de	fence.			
	a) II, IV, VII and I		, III, V and IX	c) IV, VI, VIII and X	d) III, V, VII and VIII		
19.	BCG vaccine is us	·=	,	, , .	, ,		
	a) TB	-	eprosy	c) Food poisoning	d) None of these		
20.	Allergens are	, -		8	,		
	a) Infectious and	increased sec	retion of IgE	b) Non-infectious and	increased secretion of IgE		
	c) Infectious and		•	-	increased secretion of IgM		
21.	•		J	d reduceB delivery to t	9		
	Here A and B ref		- S.L				
	a) A-carbon diox		monoxide	b) A-carbon dioxide; I	B-oxygen		
	c) A-carbon mon		State 1	d) A-oxygen; B-carbo			
22.	What is true abou			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
			ls and cellular deb	oris — — — — — — — — — — — — — — — — — — —			
	b) These are pro			JCATION			
		770	the first and the same to be	, helper T-cells and suppres	sor T-cells		
	d) These originat		-	•			
23.	· -			and beneath theB T	he most appropriate		
	combination for	_					
	a) A-heart; B-bre	ast bone		b) A-liver; B-ribs			
	c) A-heart; B-rib	S		d) A-intestine; B-ribs			
24.	Exotoxins are rel	ated with		•			
	a) Tetanus	b) D	iphtheria	c) Cancer	d) Both (a) and (b)		
25.	Bacterium, which	=	-	•	, , , , , ,		
	a) <i>Bordetella per</i>		•	b) <i>Bacillus</i>			
	c) <i>Diplococcus</i>			d) <i>Mycobacterium tul</i>	berculum		
26.	Entamoeba hist	olytica is caus	ses				
	a) Malaria	•	moebiasis	c) Typhoid	d) Filariasis		
27.	Consider the follo	-		, , ,	•		
		•		es our immune system			
	II. Immune system			·			
	•		en above is/are co	orrect?			
	a) Only I		nly II	c) I and II	d) None of these		
28.	Electrocardiogra	-	-	•	-		
	a) Hans Berger		Villem Kolff	c) Willen Einthoven	d) Wilhelm Roentgen		
29.	Which of the give	-		•	,		

- a) Thymus, lymph nodes and spleen
- c) Tonsils, Peyer's patches and liver
- b) Liver, spleen and thymus
- d) Thymus, liver and tonsils

- 30. Secondary metabolite is
 - a) Sugar
- b) Glucose
- c) Antibiotics
- d) All of these
- 31. Identify the molecules *A* and *B* given below and select the right option giving their use and source



		Use	•	Sc	ource	
M	lolecule					
a)	A-	3	Sedati	i-	Latex of	f
	Morphir	1 r	ve and	ł	poppy	
	e]	pain -		plant	
		1	killer			
b)	B-]	Produ	С	Atropa	
	Cannabi	n -	t		bellado	n
	oid	1	mariju	ı	-a	
		-	ana			
c)	C-Heroi:	n l	Produ	C	Cannab	is
		-	es		sativa	
		1	halluc	i		
		-	-			
		1	nation	1	Can.	
		9	S		UPL	ų
d)	D -	1	Accele	- j-	Erythro	X
	Cocaine	1	rates		-ylum	
		t	the		coca	
		t	transp)		
		-	ort of	f		
		(dopan	n		
		-	ine			

32. By recombinant DNA technology, vaccines have been produced on large scale, *e.g.*, hepatitis-B vaccine is produced from yeast

The above paragraph is

a) True

- b) False
- c) Sometimes (a) and sometimes (b)
- d) Neither (a) nor (b)
- 33. What is injected into the patient's body the determining the cause of allergy?
 - a) Pure allergen to which the patient is allergic
 - b) IgG
 - c) IgE
 - d) Steroids
- 34. 'Tunnel vision' is associated with.
 - a) Alcoholism
- b) Smoking
- c) Drug addiction
- d) epilepsy
- 35. Which of the following is not a part of secondary lymphatic system?
 - a) Spleen
- b) Lymph nodes
- c) Tonsils
- d) Thymus

36.	. Which of the following toxic substances is responsible for the high malarial fever?						
	a) Haemoglobin	b) Haemocyanin	c) Haemozoin	d) Haemoriden			
37.	Bambykol or gyplure is a	l					
	a) Drug	b) Harmone	c) Antibiotic	d) pheromone			
38.	A chemical substance pro	oduce produced by a micro	oorganism for inhibiting th	ne growth of another is			
	a) Antibody	b) Antibiotic	c) Aflatoxin	d) Antiallergic			
39.	Carcinoma refers to						
	a) Malignant tumour of t	he colon					
	b) Benign tumour of the connective tissue						
	c) Malignant tumour of the connective tissue						
	d) Malignant tumour of t	he skin or mucous membr	ane				
40.	Who among the following	g is recognized as the fath	er of immunology?				
	a) Robert Koch	b) Ferdinand Kohn	c) Edward Jenner	d) Louis Pasteur			
41.	Heroin is a						
	a) Diacetyl morphine	b) Morphine	c) Hemp	d) Stimulant			
42.	Monoclonal antibodies as		· ·	-			
	a) Immune suppression	for kidney transplantation					
	b) Growth induction						
	c) Suppression of sympto	oms of rabies					
	d) Treatment of breast ca	ancer					
43.	Non-specific host defence	e that exists prior to the ex	xposure to an antigen is ca	lled			
	a) Acquired immunity	b) Passive immunity	c) Innate immunity	d) Active immunity			
44.	Cancer of the internal org	gans is detected by	>				
	a) Radiography		b) Computed tomograp	ohy			
	c) Magnetic resonance in	naging	d) All of the above				
45.	Full form PMNL is						
	a) Poly Morpho-nuclear	Leukocytes	CATION				
	b) Para Morpho-nuclear	Lymphocytes	CATION				
	c) Penta Morpho-nuclear	r Leukocytes					
	d) Poly Morpho-nuclear	Lymphocytes					
46.	A doctor advises a patien	nt to include yellow fruits,	carrots and butter in his di	iet. What deficiency disease			
	do you think the patient	is suffering from?					
	a) Night blindness		b) Colour blindness				
	c) Kwashiorkor diseases		d) Marasmus disease				
47.	Which one of the following	ng is correctly matched?					
	a) Body louse - Typhoid		b) House fly - Yellow f	fever			
	c) <i>Anopheles</i> - Malaria		d) <i>Aedes</i> - Plague				
48.	To which type of barriers						
	Saliva in the mouth and t	the tears from the eyes bel	ongs?				
	a) Cytokine barriers		b) Cellular barriers				
	c) Physiological barriers		d) physical barriers				
49.	-	person walks clumsily bec		is			
	a) Cerebellum		b) Cerebrum				
	c) Medulla oblongata		d) Spinal cord				
50.		or proliferation of cells w					
	a) Cancer	b) AIDS	c) Filariasis	d) None of these			
51.	AIDS virus is also known						
	a) HIV	b) HTL V-III	c) LAV	d) All of these			
52.	Opioids are the drugs, wl	hich bind to specific opioid	l receptors present in our				

	a) Central nervous system		b) Gastrointestinal tract		
	c) Both (a) and (b)	d) Urinogenital system			
53.	Which one of the followin	pairs is not correctly mate	hed?		
	a) Streptomyces - Antibi	otic	b) <i>Serratia</i>	- Drug A	ddiction
	c) Spirulina - Single	cell protein	d) <i>Rhizobium</i>	- Biofer	tilizer
54.	Cocaine is obtained from				
	a) <i>Erythroxylum coca</i>	b) <i>Cannabis sativa</i>	c) <i>Datura</i>		d) Opium plant
55.	How many variable segme	ents are present in the basi	c structure of anti	body mo	lecules?
	a) One	b) Two	c) Three		d) Four
56.	The incubation period for	hepatitis-B virus is			
	a) 15 - 20 days	b) 30-180 days	c) 42 - 56 days		d) One weak
57.	Main barrier which preve	nts the entry of disease's ca	ausing organism ii	n our bod	ly is
	a) Skin	b) Saliva	c) Lymphocytes		d) Interferons
58.	The primary host of <i>Plast</i>	<i>nodium</i> is			
	a) Man	b) Male <i>Culex</i>	c) sheep		d) Female <i>Anopheles</i>
59.	An example of gene thera	•	, 1		, ,
	a) Production of injectabl	= -			
	•	in food crops like potatoes	which can be eate	en	
	•	r adenosine deaminase in			ere Combined Immuno
	Deficiency(SCID)	j			
	- 1	babies by artificial insemi	nation and implan	tation of	fertilized eggs
60.		nich do not appear in MRI n	_		88
	a) Molar teeth and eye len		b) Scapula and ca	anines	
	c) Ligaments and ribs	731	d) Tendons and		rs
61.	· ·	sider the following stateme	-		
		ous agent is a microorgani		s, bacterii	um. fungus that causes
	disease in its host				, 8
		ply in our body and interfe	re with the norma	l vital act	ivities, resulting in
	morphological and function		27112011		, 0
		atement (s) is/are correct?			
	a) Only I	b) Only II	c) I and II		d) None of these
62.	Which one the following s	•	,		,
	a) Psychoactive drugs have		b) Adolescence is	s marked	by accelerated physical
	activity of the nervous	•	-		of reproductive organs and
	•		_	-	of the neuroendocrine
			system	J	
	c) Hallucinogen can alter	a person's thoughts, feeling	-	stimulan	ıt
	and perceptions		-		
63.	Active immunity develop	ment is related to			
	a) Natural killer cells	b) Memory cells	c) Helper T-cells		d) Suppressor T-cells
64.	Housefly is a vector of	,	, ,		, II
	a) Amoebiasis	b) Swine flu	c) Filariasis		d) Dengue
65.	=	e considered as cellular bai	•		, 0
	a) Lymphocytes	b) Neutrophils	c) Macrophages		d) All of these
66.		was given for confirming th		cter pylo	•
	a) Nephritis	b) Rhinitis	c) Bronchitis	10	d) Peptic ulcer
67.		allergy is due to the releas	•	mast cell	
	a) Antigen	b) Antibody	c) Histamine		d) None of these
68.	Consider the following sta	•	-		

	I. complete physical hea	lth		
	II. mental health			
	III. social health			
	Which of the statements	s given above are correct?		
	a) I and II	b) I and III	c) II and III	d) I, II and III
69.	<i>Yersinia pestis</i> is respo	nsible for	•	-
	a) Syphilis	b) Whooping cough	c) Plague	d) Leprosy
70.			, 0	, <u>,</u> ,
	a) Lowering of immunit		b) More sensitivity of	allergens
	c) Both (a) and (b)		d) None of the above	S
71.	Products from plants lil	ke <i>Datura</i> sp. are	,	
	a) Hallucinogen	b) Stimulants	c) Sedatives	d) Pain killers
72.		patient lacks antihaemoph		,
	a) Homogentisic acid ox		b) Factor-VIII	
	c) Factor-XI		d) Factor-IX	
73.	Acquired immunity is d	ue to	,	
	a) Physiological and inf		b) Lymphocytes	
	c) Erythrocytes	<i>y</i>	d) NK-cells	
74.	The human immune sys	tem consists of	,	
	a) Lymphoid organs	b) Immune cells	c) Antibodies	d) All of these
75.	AIDS day is	s, mmane cons	ej museunes	aj im er enese
, 0.	a) 1 May	b) 1 December	c) 1 June	d) 1 January
76	IgA, IgM, IgE and IgG are		ej 1 june	a) I january
70.	a) Antigen	b) Antibody	c) Haemoglobin	d) Lymphocytes
77	, ,	eceives IgA form its mothe		a) Lymphocytes
, , .	a) Naturally acquired a		1 3 mm develops	
	b) Artificially acquired a			
	c) Naturally acquired pa	assive immunity	CATION	
	d) Artificially acquired		CHILOIT	
78.		quired Immune Deficiency	Syndrome (AIDS) narasit	izes in
70.	a) B-cells	b) Cytotoxic cells	c) Helper T-cells	d) Lymph nodes
79	•	an antibody is found betwe	•	a) Lymph nodes
, ,.	a) Two light chains	an antibody is found betwe	CII	
	b) Two heavy chains			
	c) One heavy and one li	aht chain		
			e heavy and one light cha	in depending upon the nature
	of antigen	ight chains of between one	e neavy and one light cha	in depending upon the nature
ΩΛ	-	and the resin of Cannabis	sativa are used to produ	co
00.	a) Marijuana	b) Hashish	c) Charas	d) All of these
Ω1	Chagas disease is cause	•	c) charas	uj Ali oi tilese
01.	a) Trypanosoma gamb		b) <i>Plasmodium sp.</i>	
	c) <i>Trypanosome cruzi</i>	ICHSC	d) <i>Treponema pallidi</i>	ım
82.	· · · · ·		иј Перопета рати	mi
02.	-		h) Incanity due to nev	rahogia
	a) A type of depression	lcohol	b) Insanity due to psy	
Q2	c) Severe addiction to a	iconoi cerous tumours are know	d) Tendency to take n	nucii watei
03.				d) Managlanal galla
01	a) Hybridomas	b) Myelomas	c) Lymphocytes	d) Monoclonal cells
04.	Consider the following s	statements		

	I. Opioids are the drugs, which bind to opioid rece	eptors in the central nervou	s system and gastrointestinal
	tract		
	II. Heroin is a white, odourless, bitter, crystalline	compound	
	III. Heroin is commonly called smack		
	Which of the statements given above are correct?		
	a) I and II b) I and III	c) II and III	d) I, II and III
85.	Which of the following elements is important to n	naintain structure of immui	noglobulin?
	a) P b) Fe	c) S	d) Ca
86.	In the cell mediated immuno response, T -lympho	cytes divide and secrete	
	a) antigens b) Plasmogens	c) Collagens	d) cytokines
87.	The smallest known agents of infectious diseases $% \left\{ 1,2,,2,\right\}$	are	
	a) Viruses b) Mycoplasma	c) Viroids	d) Actinomycetes
88.	The group of disease carried by insects is		
	a) Typhoid, jaundice, dysentery	b) Mumps, measles, sm	allpox
	c) Scrabies, ringworm, scarlet fever	d) Malaria, filaria, yello	w fever
89.	The study of body's defence mechanism against p	athogens and toxic molecul	les is known as
	a) Immunity b) Immunology	c) Defence	d) Prevention
90.	Which one of the following is useful in identifying	the different strains of a ca	nusal microbe of an infectious
	disease?		
	a) Colchicines	b) <i>Agrobacterium</i>	
	c) Complementary DNA	d) Crystal violet	
91.	Which one of the following correctly matches a Se	exually Transmitted Disease	e (STD) with its pathogen?
	a) AIDS Bacillus anthracis	b) Syphilis Tre	eponema pallidum
	c) Urethritis Entamoeba gingivalis	d) Gonorrhoea <i>Le</i>	eishmania donovani
92.	When a person dies after stung by bee followed b	y the administration of pen	icillin, death may be due to
	a) Prophylactic shock b) Anaphylactic shock	c) Autoimmunity	d) Sedation
93.	Passive immunity can be obtained through	CATION	
	a) Antigen b) Vaccines	c) Antibiotics	d) Antibodies
94.	Which one of the following statements is correct?		
	a) Patients, who had undergone surgery are given	n cannabinoids to relieve pa	ain
	b) Benign tumours show the property of metasta	sis	
	c) Heroin accelerates body functions		
	d) Malignant tumours may exhibit metastasis		
95.	Which of the following statements best describes	the role of reverse transcri	ptase?
	a) Synthesis of RNA from genomic RNA	b) Synthesis of DNA fro	om genomic RNA
	c) Synthesis of DNA from genomic RNA	d) Synthesis of <i>m</i> RNA f	rom genomic DNA
96.	Eradication of smallpox has been possible due to	the following facts except	
	a) Use of highly effective vaccine	b) Immunization progr	ams
	c) Elimination of animal reservoir	d) International cooper	ration
97.	The AIDS test is known as		
	a) ELISA b) Australian antigen	c) HIV test	d) None of these
98.	Just as Xenopsylla is to Yersinia pesist, so is		
	a) Glossina palpalis to Wuchereria bancrofti	b) <i>Culex to Plasmodiun</i>	n falciparum
	c) Homo sapiens to Taenia solium	d) <i>Phlebotomus to Leis</i>	shmania donovani
99.	AIDS was first reported in	-	
	a) 1981 b) 1980	c) 1982	d) 1983
100	Humoral immune system defends against viruses	and bacteria is present in	
	a) Blood b) Lymph	c) Both (a) and (b)	d) None of these
101	Black-foot disease is caused due to groundwater	contaminated with excess o	f

a) Nitrate	b) Fluoride	c) Arsenic	d) Sulphur
102. Select the correc	t statement from the set given b	elow	
I. Growing numb	er of people are taking LSD and	other drugs like barbiturate	es and amphetamines
II. Several plants	, fruits and seed having hallucin	ogenic properties have beei	n used in folk-medicine
Which of the sta	tements given above is/are corre	ect?	
a) Only I	b) Only II	c) I and II	d) None of these
103. Tobacco consum	ption is known to stimulate the	secretion of adrenaline and	nor-adrenaline. The
component caus	ing this could be		
a) Nicotine	b) Tannic acid	c) Curaimin	d) Heamozoin
104. Alcoholism may	leads to		
a) Skin cancer	b) Liver cirrhosis	c) Viral disease	d) Eye infections
105. Triple antigen va	accine is not used for		
a) Typhoid	b) Tetanus	c) Diphtheria	d) pertussis
106. SCID is caused by	y defective gene coding for the e	nzyme called	
a) Adenosine tra	insaminase	b) Guanosine transam	inase
c) Adenosine de	aminase	d) Guanosine deamina	ise
107. Charas and ganja	a generally taken by		
a) Inhalation	b) Oral ingestion	c) Both (a) and (b)	d) Injection
108. Rat, carries rat fl	eas, which are the causal organi	sm of	
a) Typhus fever	b) Tick fever	c) Bubonic plague	d) Yellow fever
109. Amoebiasis is pr	evented by		
a) Eating balanc		b) Eating washed fruit	S.S
c) Using mosqui		d) Drinking boiled wat	
110. Morphine is	191		
-	ve sedative and pain-killer		
	patients who have undergone s	urgery	
c) both (a) and (-	LOADION	
d) Stimulant	(yprus ED)	JCAHON	
111. The effect of hyd	rogen sulphide on man leads to	which of the following disea	ases?
a) Paralysis	b) Blindness	c) Sterility	d) None of these
112. Vaccination prot	ects a person from disease beca	use it	•
a) Helps in RBC		b) Produces antibodie	S
c) Helps in diges	-	d) Correct body functi	
113. Addiction to alco	ohol causes	, ·	
a) Cirrhosis	b) Epilepsy	c) Neurosis	d) psychosis
	ntagious disease which is cause		,
a) Virus	b) Bacteria	c) Fungal	d) Protozoa
115. Antibody molecu	-	, 0	,
a) Four polypep		b) Five polypeptide ch	ains
c) Six polypeption		d) Seven polypeptide o	
116. Identify the picti		7 1 71 1	

a) A-Opium poppy, B-*Cannabis sativa*, C-*Datura* b) A-*C*

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b) A-Cannabis sativa, B-Opium poppy, C-Datura

c) A- <i>Datura</i> , B-Opium poppy, C- <i>Cannabis sativa</i>	d) A-Opium poppy, B- <i>Datura</i> , C- <i>Cannabis sativa</i>		
117. Morphine, obtained from opium, is			
a) Latex b) Pome	c) Alkaloid	d) tannin	
118. The chemical used in 'National Malaria Eradication	Programme ' is		
a) 2, 4-D b) BHC	c) DDT	d) Pyrethroid	
119. Benign tumours			
I. remain confined to their original location and do	not spread to other parts		
II. cause little damage			
Which of the statements given above is/are correc	. ?		
a) Only I b) Only II	c) I and II	d) None of the above	
120. Entamoeba histolytica is a parasite of			
a) Large intestine b) Liver	c) Lungs	d) Kidney	
121. Common examples of allergens are			
a) Dust b) Pollen grains	c) Animal dander	d) All of these	
122. Smack is chemically aA which is white and odd	urless and crystalline in n	ature. This is obtained by	
B Here A and B refers to	•	•	
a) A-diacetyl morphine; B-acetylation of morphine	b) A-morphine; B-acety	lation of hashish	
c) A-stimulant; B-acetylation of morphine	d) A-hallucinogen; B-ac		
123. The pathogen <i>Mircosporum</i> responsible for ringw			
a) Virus b) Bacteria	c) Fungi	d) Protozoa	
124. The genes concerned with the production of cance	, 0	,	
a) Cancer genes b) Carcinogenes	c) Carcinomas	d) Oncogenes	
125. The given below figures show	>		
CH ₃			
CH ₃			
H O			
/ / / / / / / / / / / / / / / / / / / /			
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$ \begin{array}{c} $	CATION		
A		abinoid	
a) A-Cannabinoid; B-Morphine	b) A-Morphine; B-Cann		
a) A-Cannabinoid; B-Morphine c) A-Morphine; B-Quinine	b) A-Morphine; B-Cann d) A-Quinine; B-Cannal		
 a) A-Cannabinoid; B-Morphine c) A-Morphine; B-Quinine 126. Who stated that human population grows gemoret 	b) A-Morphine; B-Cann d) A-Quinine; B-Cannal rically?	pinoid	
 a) A-Cannabinoid; B-Morphine c) A-Morphine; B-Quinine 126. Who stated that human population grows gemoret a) Malthus b) Darwin 	b) A-Morphine; B-Cann d) A-Quinine; B-Cannal rically? c) Cannon		
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	c) Constant region of ligh	t chain	d) Variable region of both	heavy and light chain	
132					
	a) True		b) False		
	c) Sometimes (a) and sor	netimes (b)	d) Neither (a) nor (b)		
133	. The synthetic drugs struc	tually similar to adrenaline	are		
	a) Amphetamines		b) Barbituratess		
	c) Halluncinogens		d) Nicotinic derivatives		
134	. Antibody production is co	ontrolled by			
	a) B-lymphocytes	b) T-lymphocytes	c) Both (a) and (b)	d) Interferon	
135	. Cannabinoids is obtained			-	
	a) Inflorescence of the pla	ant <i>Cannabis sativa</i>			
	b) Fruits of the plant <i>Pap</i>				
	c) Latex of the plant <i>Cani</i>				
	d) Plant <i>Papaver somnife</i>				
136	. A substance that cause ar				
	a) Allergen	b) Pollen	c) Foreign substance	d) Dander	
137	, ,	resent in gamma immunogl	, ,	.,	
	a) 2	b) 4	c) 6	d) 8	
138.	. Kala-azar is caused by	~, -		-,, -	
100	a) <i>Trypanosoma cruzi</i>		b) <i>Leishmania donovani</i>		
	c) Trypanosoma brucei		d) Trypanosoma gambiense		
139		ave certain natients fails du		rgans by the patient. Which	
10)	-	is responsible for such typ		rgans by the patient winen	
	a) Cell-mediated immune		b) Humoral immune resp	onse	
	c) Both (a) and (b)	response	d) Innate immune respon		
140		used in diagnosis of epileps		sc	
170	a) X-ray radiography	used in diagnosis of epileps	b) Digital Subtraction Ang	riography(DSA)	
	c) Sonography	WILLIE FOLK	d) Positron Emission Ton		
1.4.1	. The disease 'Oriental sore	o' is caused by	uj i ositi oli Lillissioli Toli	lography (1 L 1)	
141	a) Bacteria	b) Virus	c) Protozoa	d) Fungus	
1/2	. ELISA test is used for det	•	c) 110t020a	u) Fullgus	
142	a) Antibodies		c) AIDS	d) All of these	
1/2	•	b) Viral disease al barriers which also helps	•	-	
143		ithelium lining the respirat	•	inicioorganisms are	
	II. gastrointestinal tracts	idienum inning die respirat	.01 y		
	S .				
	III. urogenital tracts				
	Choose the correct option		a) II and III	d) I II and III	
111	a) I and II	b) I and III	c) II and III	d) I, II and III	
144.	. Cocaine is commonly call		a) Dath (a) and (b)	d) Compale	
1 4 5	a) Coke	b) Crack	c) Both (a) and (b)	d) Smack	
145		t against the disease causin		15.1	
446	a) Vulnerability	b) Susceptibility	c) Irritability	d) Immunity	
146		one of the following alphab	oets is the correct represen	tation of the respective	
	activity of human heart?		12.0		
	a) R-repolarization of ver	itricles	b) S-start of systole		
.	c) T-end of diastole		d) P-depolarization of the	artia	
147	Damage to thymus in a ch	•			
	a) Loss of cell-mediated i	•			
	h) A raduction in the ham				

		e amount of plasma proteins		
4.40	d) Loss of antibody-			
148	. Purpose of tubecton	ny is to prevent	12.0	
	a) Fertilization		b) Coitus	
	c) Egg formation		d) Embryonic develop	ment
149	. Antibodies in our bo	_		
	a) Lipoproteins	b) Steroids	c) Prostaglandins	d) Glycoproteins
150	. What is the name of	complex formed at the time o		
	a) HLA		b) STD antigen comple	
	c) HLA antigen com	_	d) MHC antigen compl	ex
151	. Proliferation of cand	er cells is not limited because	e of	
	a) Differing surface	proteins	b) Differing cholestero	l level
	c) Deficiency of ster	roids	d) Aberrant chromoso	mal complement
152	. Smack is generally t	aken by		
	a) Snorting	b) Injection	c) Both (a) and (b)	d) None of these
153	. Which of the followi	ng is a matching pair of a drug	g and its category?	
	a) Amphetamines	- Stimulant	b) Lysergic acid diethl	y amide - Narcotic
	c) Heroin	- Psychotropice	d) Benzodiazepine - F	Pain Killer
154	. The drugs, which ar	e commonly abused are		
	a) Opioids	b) Cannabinoids	c) Coca alkaloids	d) All of these
155	. Consider the followi	ng statements		
	I. Secondary lympho	oid organs includes lymph nod	les, spleen and small mass	es of lymph tissue such as
	Peyer's patches, app		>	
	II. The secondary lyi	mphoid organs all the site of ly	ymphocyte maturation and	l they efficiently trap antigens
	for exposure to T an	The state of the s		
	-	ents given above is/are corre	ct?	
	a) Only I	b) Only II	c) I and II	d) None of these
156	, ,	owing is recognized as the Fat		,
	a) Robert Koch	b) Hippocrates	c) Louis Pasteur	d) Edward Jenner
157	•	ng organs is not involved in th	•	-
	a) Brain	b) Lymph nodes	c) Spleen	d) Thymus
158	. The term 'Vaccine' v		<i>y</i> 1	, ,
	a) Jenner	,	b) Koch	
	c) Pasteur		d) Jointly by Koch and	Pasteur
159	. Tuberculosis is caus	ed by		1 46 66 61
	a) <i>Mycobacterium</i> s		c) <i>Clostridium sp.</i>	d) <i>Vibrio</i> sp.
160	. Main source of amo		oj diostriani spi	u) / 12116 spi
100	a) Contaminated for	•		
	=	ontaminated by the faecal ma	tter	
	=	ontaminated by urine		
		ontaminated by polluted air		
161	. Mycobacterium lepi			
101	a) Tuberculosis	b) Leprosy	c) AIDS	d) Tetanus
162	=	rugs may lead to coma and de		aj retalius
102	a) Respiratory failur		c) Cerebral hemorrhag	ge d) All of these
162		smodium get digested in stom		-
103	a) Sporozoite	b) Gametocyte	c) Erythrocyte	d) None of these
164	. Hodgkins disease is	b) dametocyte	cj Eryunocyte	a) None of these
104	a) Cancer of the lym	nhoid tissue	h) Cancer of the mamr	nary gland

c) cancer of the WBC	d) Cancer of the liver	
165. The interferons are		
a) Antibacterial drug	b) Antiviral drugs	
c) Antibiotic drugs	d) Immunosuppressi	ve drugs
166. Food poisoning is caused by		
a) Nitrosomonas b) Lactobacillus	c) <i>Escherichia coil</i>	d) None of these
167. Choose the true statements		
I. Innate immunity is accomplished by providing of		
II. Acquired immunity is present from the birth a		nts
III. Sweat, tears, acid in the stomach and saliva pr	event microbial growth	
Codes		
I II III		
a) True False True	b) True True F	alse
c) False False True	d) False True F	alse
168. Immunoglobulins are made up of		
a) Two polypeptide chains	b) Four polypeptide o	chains
c) Three amino acids only	d) Five nucleotides	
169. AIDS is not diagnosed by		
a) Enzyme Linked Immuno Sorbant Assay test		
b) WIDAL test		
c) RIA		
d) Both (b) and (c)		
170. The protein $\alpha-1$ antitrypsin is used to treat whi	ch of the following diseas	e?
a) Cancer	b) Rheumatoid arthri	itis
c) Alzheimer's disease	d) Emphysema	
171. The immune system is made of		
a) Humoral system	b) Humoral and cell r	
c) Humoral and fibrous system	d) Antigen induced a	ntibodies
172. An autoimmune disease is		
a) AIDS b) Haemophilia	c) Allergy	d) Myasthenia gravis
173. AIDS is the condition where		
a) The patients immune system is completely des	=	
b) The patient succumbs to various infect, has wa	sting and develops sympt	coms such as fever, diarrhoea
and weight loss		
c) Both (a) and (b)		
d) Virus multiply in T-cytotoxic cells		
174. Which of the following is correct for immuno-mod		
a) They always suppress immune system	b) They never suppre	
c) They always stimulate immune system		nodulators stimulate the
	•	of immune system, whereas
475 ml l: Cl : l:	some other immur	no-modulators inhibit it
175. The disease filarial is transmitted by	a) Cul	d) Anar-balaa
a) Tse-tse fly b) Sand fly	c) <i>Culex</i>	d) <i>Anopheles</i>
176. The immune system plays a major role in	b) Anto : J'	0000
a) Allergic reactions	b) Auto-immune dise	ases
c) Organ transplantation 177. What is HLA?	d) All of these	
	b) Croup of abross -	omag
a) Group of games	b) Group of chromoso	
c) Group of genes	d) Group of polypept	iaes

		Gplus Education
178. <i>Aloe vera</i> cures cough and cold by		
a) Leaf juice with opium	b) Leaf juice mixed w	ith oil
c) Juice of roasted leaves taken with honey	d) Salad of leaves	
179. Active immunity may be produced by		
a) Contacting a disease	b) Readymade antibo	dies
c) Both (a) and (b)	d) Receiving gamma g	glubulin infection
180. If the person shows the production of interferon	ns in his body, chances are t	hat he is suffering from
a) Anthrax b) Malaria	c) Measles	d) Tetanus
181. Which of these is based on magnetic resonance	?	
a) EEG b) CT scanning	c) NMR scanning	d) PET scanning
182. With regard to the transmission of the Human statements is not correct?	Immunodeficiency Virus (H	IIV), Which one of the following
a) The chances of transmission from female to	male are twice as likely as fr	om male to female
b) The chances of transmission are more if a pe	rson suffers from other sext	ually transmitted infections
 c) An infected mother can transmit the infectio feeding 	n to her baby during pregna	ancy at child birth and by breast
d) The risk of contracting infection from transf	usion of infected blood is m	nuch higher than an exposure to
contaminate needle		
183. Amniocentesis is used for determining		
a) Heart disease	b) brain disease	
c) Hereditary disease of the embryo	d) All of the above	
184. In the given flow chart, the replication of retrov	irus in a host cell is shown.	Observe it carefully and fill up
the blank A , B and C	-	
(A)		
Virus infects normal cell		
Viral RNA is introduced		
in host cell	LCATION	
GPLUS EDI	UCATION	
<u>B</u>		
TV: 1 DV4		
in host genome		
\overline{C}		
Ţ		
New viruses are produced		
a) A-Retrovirus, B-Viral DNA is produced, C-Ne	w viral RNA is produced	
b) A-Transcriptase, B-Bacterial RNA is produce	d, C-New viral DNA is produ	iced by the infected cell
c) A-Reverse transcriptase, B-Viral DNA is prod	luced, C-New viral RNA is pr	oduced by the infected cell
d) A-Reverse transcriptase, B-Viral DNA is prod	luced, C-New viral DNA is pr	roduced by the infected cell
185. Most important component of oral contraceptive	ve is	
a) LH b) GH	c) Thyroxine	d) progesterone
186. Which of the following normally confined to the body?		
a) Malignant tumour b) Metastasis	c) Benign tumour	d) cancer

187. Protein deficiency leads to

a) Kwashiorkor b) Marasmus

c) Cretinism

d) Both (a) and (b)

188. In AIDS, the system which show failure is

a) Digestive system

b) Respiratory system

c) Defence system

d) Sensory system

189. Cannabinoid are the group of chemicals, which interact with cannabinoid receptors present principally in

a) B	rain	b) Neuron	c) Nephron	d) Dendron
190. Hist	amines or other, infla	mmation producing substa	nces are formed by	
a) M	Iacrophages	b) Interferons	c) Mast cells	d) Collagen tissue
	· .	•	s (I-V) contains is correct r	
I. A o	crippling disease prev	alent among the native pop	pulation of sub-Sahara Afri	ca.
II. A	deficiency disease car	used by lack of thiamine (v	itamin- B_1).	
III. A	A nutritional disorder	in infants and young childr	en when the diet is persist	antly deficient in essentia
prot	ein.			
IV. C	Occurs in those countr	ies where the staple diet is	polished rice.	
			iuscle wasting, progressive	oedema, mental
	rioration and finally h			
-	II and IV	b) II, III and V	c) I,III and V	d) II, IV and V
	=	seases is caused due to alle	_	
-	eprosy	b) Typhoid	c) Asthma	d) Tetanus
	_	a pair of viral diseases?		
-	ingworm, AIDS		b) Common cold, AIDS	
	ysentery, common co		d) Typhoid, tuberculosis	
	k jaw' is another nam			
,	Ialaria	b) Kala-azar	c) Tetanus	d) Diphtheria
	ose the wrong statem			
	IDS is an immunodefi			
-	is caused by the retro			
-	-	and kills B-lymphocytes	DMA' . 1' .	
		genomes that replicate <i>via</i>	a DNA intermediate	
	eomalacia is a deficien		h) adulta due to mustein e	n over malnutvition
-	nfants due to protein e		b) adults due to protein e	= -
=	dults due to vitamin-I ly the following senter		d) Infants due to vitamin-	K deliciency
		imours divide erratically.	WILLIAM	
	_	nours of epithelial cells.		
		nours of organs that origin	ate from mesoderm	
	=	nd in organs such as splee		
	ch of the above are tru		and lymph hodesi	
	and II	b) II and IV	c) I and III	d) II and III
-	en is a storage site for	-	-,	,
	rythrocytes	b) Basophils	c) Platelets	d) Neutrophils
	acco contains	, ,	,	, 1
a) N	icotine	b) Amphitamins	c) Carbon monoxide	d) Both (a) and (c)
200. The	best HLA(Human Leu		transplants in order of pre	
	arent>sibling>twin>		b) Sibling> twin> Parent	
c) tv	win> unrelated donor	> parent> sibling	d) Twin> sibling> Parent	> unrelated donor
-	nine is obtained from	•	, o	
a) B	ark of <i>Cinchona</i>	b) Root if <i>Cinchona</i>	c) Wood of <i>Cinchona</i>	d) Leaves of <i>Cinchona</i>
202. Anti	gen binds to antibody	. The binding is result of		
a) E	lectrostatic interactio	ns	b) Covalent bonds	
c) D	isulphide bridges		d) Amide formation	
203. The	process of introduction	on of weakened inactivated	l pathogen into human bod	y is called
a) Ir	nmunization	b) Vaccination	c) Attenuation	d) None of these
204. Fem	ale infanticide is com	monly reported from		

	a) Usalampatti	b)	Madurai	c) Kanyakumari	d) Rajasthan
205.	Which of the foll	lowing diseas	se is caused by the me	mber of retrovirus group?	
	a) Cancer	b)	AIDS	c) Dengue	d) Common cold
206.	The term 'antibi	otic' was coir	ned by		
	a) Selman Waks	man b)	Alexander Fleming	c) Edward Jenner	d) Louis Pasteur
207.	All of the followi	ing are exam	ples of mucosa associa	nted lymphoid tissue except	
	a) Appendix	b)	Peyer's patches	c) Tonsils	d) Liver
208.	Give the name of	f two helmin	thes, which causes asc	ariasis and filariasis respec	tively
	a) <i>Ascaris</i> and <i>V</i>			b) <i>Wuchereria</i> and <i>Ascan</i>	-
	c) Roundworm	and Flatworn	n	d) <i>Plasmodium</i> and <i>Wuc</i>	hereria
	-		oped the diagnostic te	5	
	a) CT scanning		MRI	c) Endoscopy	d) Bronchoscopy
	Hypersensitivity	to an allerge	en is due to	, , ,	
	a) Aberrant fund	_		b) Food habits	
	c) Increase in hu		J	d) Increase in temperatu	re
	=	=	rtain diseases, their ca	ausative organisms and sym	
	Diseases	Causative	Symptoms	g	· ·
	21334333	Organism			
		S			
	I. Filariasis	A	Inflammation		
	II. Typhoid	B	High fever		
	iii Typhola		stomach pain		
	III. C	Rhinoviru	Nasal	>	
	111. 0			_	
		ses	congestion and		
	IV Asseriasis	1	discharge D		
	IV. Ascariasis	Ascaris		CATION	
			A, B, C and D is		•
	=		= =	old, D-Internal bleeding, fev	er, anaemia
	-		aris, C-Typhoid, D-Stor		
				ia, D-Constipation, fever	1 1 1 6
	=	=	= =	· Common cold, D-Nasal disc	charge, high fever
	-		ected first in a drunk p		
	a) Cerbrum	-	Olfactory lobe	c) Cerebellum	d) Medulla oblongata
	African sleeping				15 151 17
	a) <i>Trypanosoma</i>	-	Leishmania	c) <i>Latimeria</i>	d) <i>Plasmodium</i>
			ed from the leaves of		
	a) <i>Erythroxylon</i>			b) <i>Ephedra</i> sp.	
	c) <i>Digitalis purp</i>			d) <i>Papaver somniferum</i>	
				yton and Epidermophyton	
	a) Ringworm	-	Skin allergy	c) Amoebiasis	d) Measles
		-		site of infection causes redn	ess, swelling, pain and heat
	due to certain ch	nemicals, the	y are		
	a) Histamine an		dins	b) Cerumen and mucus	
	c) Histamine an			d) Prostaglandins and ce	rumen
217.	A drug called mo	orphine is ob	tained from		
	a) <i>Rauwolffia se</i>	-		b) <i>Cannabis sativa</i>	
	c) <i>Cajanus cajan</i>	1		d) <i>Papaver somniferum</i>	

	o pinpoint the location of co	lour processing centers in t	the visual cortex of the brain
by means of	12		15.44
a) PET	b) NMR	c) CT-scan	d) X-ray
219. Interferon – β is also to			
a) Immune interferor		b) Fibroblast interfero	
c) Leucocyte interfer		d) Anti-immune interf	
	y virus, which is 42 nm in siz		nded DNA is
a) Hepatitis - A	b) AIDS	c) Hepatitis - B	d) Leprosy
221. Smoking causes			
a) Heart disease	b) Gastric ulcer	c) Bronchitis	d) All of these
222. A person is suffering	from frequent episodes of n	asal discharge, nasal conge	stion, reddening of eyes and
watery eyes. These ar	e the symptoms of		
a) Cyanosis		b) Bronchitis	
c) Rhinitis		d) Bronchial carcinom	a
223. Which of the followin	g is a viral disease?		
a) Typhoid	b) Polio	c) TB	d) Leprosy
224. Immunodeficiency ma	akes a person highly suscep	tible to infection. It is cause	ed by
a) Lack of B-cells	b) Lack of T-cells	c) Both (a) and (b)	d) None of the above
225. The causative agent o	f filaria is		
a) <i>Wuchereria bancre</i>	ofti		
b) <i>Leishmania donov</i>	ani		
c) <i>Plasmodium vivax</i>			
d) <i>Trypanosoma gam</i>	biens	>	
226. Chemical carcinogens	s present in smoke have bee	n identified as a major caus	e of
a) Lung cancer	b) Liver cancer	c) Oral cancer	d) None of these
227. The cancer of the epit	thelial cells is called		
a) Leukaemia	b) Lipoma	c) Sarcoma	d) Carcinoma
228. Cell-mediated immun	ity is responsible for	ICATION	,
a) Graft rejection	b) Passive immunity	c) Organ surgery	d) Innate immunity
229. Physiological barrier	which prevents entry of mic		are ,
a) Acid in the stomac			d) All of these
•	produced by many vertebra	•	•
multiplication of viru		1	O .
a) Viroid	b) Interferon	c) Antivirin	d) Antigen
•	am and name the labelled A	•	, 0
Whan the moscular base another human, social source and social so	Parasiles (sporozoles) Diver The parasiles reproduces assessably in liver cells, bursely in ever a diversity of the blood.		
Female mongalo takes up gametocytes with blood meal.	bursting the cell and		

- a) A-Gametocytes, B-Salivary glands, C-Sporozoites
- b) A-Sporozoites, B-Salivary glands, C-Gametocytes

	c) A-Salivary glands, B-Sporozol	•		
	d) A-Salivary glands, B-Gametoc	ytes, C-Sporozoites		
232.	Who developed vaccine against	smallpox?		
	a) Lousi Pasteur		b) Selman Waksman	
	c) Edward jenner		d) Alexander Flemming	
233.	The main reason, why antibiotic	s could not solve all t	he problems of bacterial di	sease, is
	a) Inactivation of antibiotics by l	bacterial enzyme		
	b) Decreased efficiency of the im	ımune system		
	c) The development of mutant s	trains resistant to an	tibiotics	
	d) Insensitivity of the individual	following long expos	ure to antibisotics	
234.	ELISA assay			
	a) Use complement mediated ce	lls lysis		
	b) User a radiobelled second ant	ibody		
	c) Involves addition of substrate	which is converted i	nto coloured end product	
	d) Requires red blood cells			
235.	Cross sectional image of internal	l body structure can l	oe obtained by using which	medical technique?
	a) ECG - Electro Cardio Graph		b) EEG - Electro Encephal	lo Graph
	c) CAT - Computerized Axial To	omography	d) PET - Positron Emission	n Tomography
236.	Communicable disease means			
	a) The disease transmitted from	man to man	b) The disease caused by b	oiological agents
	c) Both (a) and (b)		d) Present from birth or in	
237.	The infectious form (after enteri	ing into human blood) of malarial parasite migra	ate to the
	a) Erythrocytes of human	< 7 3	b) Liver cells of human	
	c) Stomach of mosquito	134	d) Salivary gland of mosqu	iito
238.	Entamoeba histolytica is a	~		
	a) Viral parasite b) Ba	cterial parasite	c) Protozoan parasite	d) Fungal parasite
239.	Virus-infected cells secrete prote	eins called	ATTONI	
	a) Enzyme b) Int	erferon	c) Hormone	d) Antibody
240.	World health organization has st	tarted a number of pr	ogrammes to prevent spre	ading of HIV infection
	Few such steps include			
	I. ensuring use of disposable nee	dles and syringes		
	II. free distribution of condoms			
	III. advocating safe sex			
	IV. controlling drug abuse			
	Which of the steps given above a	re correct?		
	a) I and II b) III	and IV	c) II, III and IV	d) I, II, III and IV
241.	Colostrum			
	a) Can be synthesized by the new	w born baby		
	b) Is a natural source of antibodi		n the breast for the first few	v days after birth
	c) Contain primarily fat			•
	d) Is a enzyme involved in stimu	lating lactation		
242.	Large group of lymphoid tissue i	_	ve and urogenital tract are	collectively called
				d) α-globulins
243.	Select the true statement	•	, , ,	, 0
	I. AIDS has no cure, prevention is	s the best option		
	II. During HIV infection, the pers	_	r, weight loss and diarrhoea	1
	III. HIV is a retrovirus, which me		-	
	a) I and II b) I an	_		d) None of these
244.	Diacetyl morphine is commonly	known as		

a) Morphine	b) <i>Cannabis</i>	c) heroin	d) cocaine
245. Reasons for alcohol al	ouse in adolescents are		
I. social pressure			
II. curiosity and need	for adventure, excitement and	l experiment	
III. to escape from stre	ess, depression and frustration	n	
IV. to overcome hards	hips of daily life		
Which of the statemen	nts given above are correct?		
a) I, II and III	b) I, III and IV	c) II, III and IV	d) I, II, III and IV
	asily transmit from one perso		
a) Non-infectious dise		b) Infectious disease	
c) Viral disease		d) Bacterial disease	
•	llon is related with the diseas		
a) Typhoid	b) Pneumonia	c) Dengue	d) AIDS
248. The organ related wit	•	o) = ege	,
a) Liver	b) Parathyroid	c) Thymus	d) Pineal
-	le sclerosis on brain and spina	-	-
a) Magnetic resonanc		b) Position emission ton	
c) X-rays radiography		d) Digital subtraction an	
	d in Human Immunodeficienc		Біобі прпу
a) Double stranded R		b) Single stranded RNA	
c) Double stranded D		d) Single stranded DNA	
	ast feeding for the new born i		
a) Low lactose conten		b) The high casein conte	nt
c) Passive immunity		d) <i>E. coli</i> factor	iit
-	iferation of cancerous cells pr	=	lad
a) Tumour	b) Multiplication	c) Protooncomass	d) None of the above
253. Characters of acquired	*	ej i rotooneomass	a) None of the above
a) Specificity	d infiniting are	b) Difference between se	alf and non-salf
c) Retains memory	OFLUS LD O	d) All of the above	and non-sen
	esponse by the body to a sub	•	
a) Immunity	b) Allergy	c) Passive immunity	d) None of these
255. T-lymphocyte is prod	==	c) I assive inilitative	a) None of these
a) Bone marrow	b) Spleen	c) Pancreas	d) Thymus
256. Ginseng is an importa	· •	c) Tallereas	uj mymus
a) America	b) Egypt	c) India	d) Chain
257. An antibody is a	b) Egypt	c) muia	d) Chain
	hich attacks invading bacteria	.	
	fically inactivate an antigen	1	
_	_		
c) Component of the ld) Secretion of mamm			
•			
258. Blood circulation was	•	a) Varl I andatain ar	d) Davil Elawliah
a) William Harvey	b) Hippocrates	c) Karl Landsteiner	d) Paul Ehrlich
259. Cancerous cells sprea	a through	h) Dland	
a) Lymph	- C	b) Blood	
c) Secondary growths		ALL ALL OF THE SHOULD	
260. Consider the following	_	d) All of the above	
	g statements	u) All of the above	
I. People should get va	g statements accination to avoid infection		no all an diace
I. People should get va II. Vaccination is avail	g statements	phoid, tuberculosis and ma	ny other disease

	IV. Dengue and chikengu	nya, both are spread by <i>Cul</i>	<i>lex</i> mosquitoes	
	Which of the statements g	given above are correct?		
	a) I, II and III	b) I, II and IV	c) I, III and IV	d) III and IV
261	. Vaccines, when introduce	ed into the body, stimulates	the production of	
	a) Antigen	b) Antibody	c) Natural killer cells	d) Macrophage
262	. Benign tumour is the one	, which		
	a) Shows metastasis		b) Is differentiated and ca	apsulated
	c) Is undifferentiated and	l noncapsulated	d) Is differentiated and no	oncapsulated
263	. Antibodies are			
	a) Lipids	b) Carbohydrates	c) Immunoglobulins	d) Antiviral particles
264	. Cancer causing viruses ar	e called		
	a) Oncogenic viruses	b) Retroviruses	c) Adenoviruses	d) Poxviruses
265	. Drugs that cause malform	nations in embryo during p	regnancy are called	
	a) Tranquilizer	b) Teratogens	c) Alcoholic beverages	d) Nicotine
266	. Consider the statements	given below regarding cont	raception and answer as d	irected thereafter
			irst trimester is generally s	
	II. Generally, chances of c	onception are nil until mot	her breast-feeds the infant	upto two year.
		ke copper-T are effective c		
	IV.Contraception pills ma	y be taken upto one week a	after coitus to prevent conc	eption.
	Which two of the above s	=	•	
	a) II, III	b) III, IV	c) I, III	d) I, II
267	-	d steroids give a quick reli	ef form	
	a) Allergy	b) Nausea	c) Cough	d) Headache
268	, 0,		Indian has received great	•
	active vaccination is bein	The Control of the Co	3	- C
	a) Poliomyelistis	b) hepatitis	c) Jaundice	d) Enterocolitis
269	-		istakenly attacks and destr	•
	called	TEPLLIS EDUC	TATION	J J J
	a) Auto-immunity	b) Immunization	c) Allergy	d) Immunodeficiency
270	. The primary function of t	•)	,
	a) Circulatory of nutrient			
	b) Transport of hormone			
	•	- ace and distribution of lym	ohocytes	
		ice and distribution of plas		
271		-		mal mitosis in an organ will
	frequently result in		,	
	a) Zygote	b) Cancer	c) New organ	d) Gastrula
272		us of a new born shall resu	, 0	a) allow that
	a) Basophils	b) Neutrophils	c) B-lymphocyte	d) T-lymphocyte
273	. Broad spectrum antibioti	*	e) z ijmpneej te	a) i ijimpiloojio
_, _	a) Acts on all bacteria and		b) Is effective in very sma	ıll amount
	c) Acts on both pathogen		d) Acts on a variety of pat	
274			ody, the chances are that he	_
2, 1	a) Malaria	b) Measles	c) Typhoid	d) Tetanus
275	•	ses pneumonia in human b		uj retaitus
4 /3	a) Atrichous	b) Monotrichous	c) Amphitrichous	d) peritrichous
276		•	rson, to which of the follow	* *
2/0	confirmatory evidence?	hency of antibodies in a per	ison, to winch of the follow	ing would you look lol
	a) Serum albumins		h) Sarum alabulina	
	aj sei uili aivullillis		b) Serum globulins	

c) Fibrinogen in the plas	ma	d) Haemocytes	
277. The immunoglobulin abu	ındant in colostrums is		
a) IgG	b) IgM	c) IgD	d) IgA
278. Cocaine is the native to			
a) North America	b) South America	c) India	d) China
279. Globulins contained in h		narily involved in	•
a) Defence mechanisms		b) Osmotic balance of boo	dy fluids
c) Oxygen transport in th		d) Clotting of blood	
280. The person showing unp		-	behaviour and conflicts
with others is suffering f		. 1	
a) Schizophrenia		b) Borderline personality	disorder(BPD)
c) Mood disorders		d) Addictive disorders	
281. Identify the wrong stater	nents	,	
	atopoietic cells is called leul	kaemia.	
	the epithelial tissues of inte		eferred as melanoma.
-	cancer where bone and cart		
	are called as true cancer o	-	
a) I and II only	b) II and III only	c) II and IV only	d) I and III only
282. Harmful effect of cigarett	,	ej ir ana rv omy	a, rana m om,
a) Baldness	b) Yellowing of eyes	c) Lung cancer	d) None of these
283. Cell mediated immunity		e) hang cancer	a) None of these
a) B-cells	b) T-cells	c) Macrophages	d) Interferons
284. Which of the following d			aj interiorons
a) Ascariasis	b) Wuchereriasis	c) Both (a) and (b)	d) None of these
285. Infective stage of <i>Plasmo</i>	Sec. 1.49	c) both (a) and (b)	d) None of these
a) Merozoites	b) Ookinetes	c) Sporozoites	d) None of these
286. Infection of pneumonia	*	c) Sporozoites	d) None of these
a) Droplets released from		b) Released droplets inha	iled by healthy nerson
-	objects such as glasses and		ned by neartny person
utensils with an infect		a aj mi oi die above	
287. Those who take drugs in	•	nf	
a) AIDS	b) Hepatitis-B	c) Both (a) and (b)	d) Malaria
288. Disease caused by deficie		c) both (a) and (b)	uj Malaria
a) beri beri	b) Scurvy	c) Pellagra	d) Night blindness
289. Humoral immunity is me	, ,	c) i chagia	a) Night billianess
a) B-cells	b) T-cells	c) Macrophages	d) Monocytes
290. Minamata disease is caus			d) Monocytes
a) Cadmium	b) Lead	c) Arsenic	d) Morgury
•		•	d) Mercury
291. Both sickle cell anaemia a) Bacteria-related disea	-		
c) Pollutant-induced disc		b) Congenital disordersd) Virus-related diseases	
•	orders	uj vii us-relateu uiseases	
292. Rabies is caused by	h) Do atorio	a) Duatages	d) All of these
a) Virus	b) Bacteria	c) Protozoa	d) All of these
293. Some diseases are transr	mitted through contaminate		aned
a) Vehicle transmission		b) Vector transmission	
c) Air borne method		d) Fomite borne method	
294. Disease associated with s		3 F3 ' '	1) AIDC
a) Tetanus	b) Tuberculosis	c) Food poisoning	d) AIDS
295. The spleen			

	I. is a large bean-shaped organ II. mainly contains lymphocytes and phagocytes		
	III. acts as a filter of the blood by trapping blood-bor	ne microorganisms	
	Which of the statements given above are correct?		
	a) I and II b) I and III	c) II and III	d) I, II and III
296.	Necessary steps for achieving good health are		
	I. awareness about disease		
	II. vaccination		
	III. proper disposal of wastes		
	IV. maintenance of hygienic food and water resource	es ·	
	V. Water resources		
	The correct combination having necessary steps is		
	a) I, II and III b) II, III and IV	c) I, III and IV	d) I, II, III and IV
297.	Tumour viruses or cancer causing viruses calledA	haveB Here A and B	refers to
	a) A-oncogenic bacteria; B-bacterial oncogenes		
	b) A-oncogenic viruses, B-viral oncogenes		
	c) A-oncogenic protozoan; B-protozoan oncogenes		
	d) None of the above		
298.	Hybridomas are the fusion product of		
	a) Normal antibody producing cell with myeloma		
	b) Abnormal antibody producing cell with myeloma		
	c) Sex cells with myeloma		
	d) Bone cells with myeloma		
299.	Which one of the following is a stimulant?		
	a) LSD b) Cocaine	c) Opium	d) Heroin
300.	Resistance against pathogens is due to		
	a) Antibodies b) RBCs	c) Haemoglobin	d) None of these
301.	Primary lymphoid organs among the following are	AHON.	
	a) Bone marrow b) Thymus	c) Both (a) and (b)	d) Thyroid of thymus
302.	Widal test is used for the diagnosis of		
	a) Malaria b) Pneumonia	c) Tuberculosis	d) Typhoid
303.	An insect bite may result in inflammation of that spo	t. That is triggered by the a	larm chemicals such as
	a) Histamine and dopamine	b) Histamine and kinins	
	c) Interferons and opsonin	d) Interferons and histone	es
304.	Defect in amino acid metabolism may result in		
	a) Albinism b) Porphyria	c) Wilson's disease	d) Phenylketonuria
305.	The pathogen of typhoid is directly transmitted thro	ugh	
	a) Urine b) Water	c) Blood	d) Hormone
306.	The Philadelphia chromosome is found in the patien	ts suffering from	
	a) Albinism b) Hepatitis	c) Insomnia	d) Leukaemia
307.	Which of the following disorders can be regrded as r	nadness?	
	a) Psychosis b) Epilepsy	c) Insomnia	d) Parkinsonism
308.	Nicotine intake stimulates theA to releaseB a	andC into blood circula	tion. This lead to increase
	inD and an increaseE		
	Here A and E refers to		
	a) A-adrenal gland, B-adrenaline, C-nor-adrenaline,	D-blood pressure, E-heart r	rate
	b) A-thyroid gland, B-thyroxine, C-parathyroxine, D-	=	
	c) A-adrenal gland, B-thyroxine, C-nor-adrenaline, D	-	
	d) A-gonads B-adrenaline C-nor-adrenaline D-bloom	-	

309.	All	ergy in	ivolves				
	a)	IgE		b) IgG		c) IgA	d) IgM
310.	Wł	nich of	the followi	ng body syst	ems is responsible	for allergic reaction?	
	a)	Lymph	1	b) Imr	nune	c) Circulatory	d) All of these
311.	Th	e proce	ess of remo	val and repla	cement of the dam	aged tissues or organs li	ke heart, eye, liver, kidney
	wit	th heal	thy ones fro	om a donar is	s called as		
	a) ˈ	Transp	olantation			b) Repair and replacen	nent
	c)	Replac	ement ther	aphy		d) Transformation	
312.	Wł	nich of	the followi	ng is the corr	ect matching of a d	isease with its causative	organism and mode of
	inf	ection	?				
	D	iseas	Causativ-	Modes of			
	-е	s	е	Infection			
			Organis-				
			ms				
	a)	Pneu	- Strepto	c Droplet			
		moni	a <i>-occus</i>	infection	1		
			pneum	0			
			nia				
	b)	Typh	o <i>Salmon</i>	e With			
		-id	-lla typ	<i>hi</i> inspired			
				air			
	c)	Malar	ri <i>Plasmo</i>	d Bite of			
		- a	-ium	infected	41		
			vivax	male			
				Anophei	-		
				es			
				mosquit	EDII/	MOTTA	
				0-0	JUU EDUL	CATION	
	d)	Eleph	ı- Wuche	re With			
		antias	si <i>-ria</i>	contami-	-		
		S	bancro	<i>fti</i> nated			
				food and			
				water			
313.	Sec	condar	y lymphoid	organs inclu	ıde		
	a)	Spleen		b) Ton	ısils	c) Both (a) and (b)	d) None of these
314.	In	which	of the follow	wing, optical	fibres are used?		
	-	Sonogi		-	loscopy	c) MRI	d) CT-scan
315.	Εle	ectron l	beam thera	py is a kind o	of radiation therapy	to treat	
	a)	Enlarg	ed prostate	gland		b) Gall bladder stones	by breaking them
	-		n types of ca			d) Kidney stones	
316.	An	tiveno	m is used fo	or the treatm	ent of snake bite. T	he treatment of snake bi	te by antivenom is an example
	of						
	-		e immunisa			b) Active immunization	
	-		nmunizatio	n		d) Innate immunization	n
317.			ıs causes				
	-		on cold	b) Mal		c) AIDS	d) Pneumonia
318.					is attack gums in m		
	-			<i>ralis</i> b) <i>Tric</i>		c) <i>Giardia</i>	d) All of these
319.	He	roin is	also known	n by the nam	e of		

a) Hemp	b) Smack	c) Coke	d) Bhang
320. Female <i>Anopheles</i> mosqu	-	,	, 0
a) Filaria	b) Malaria	c) Typhoid	d) AIDS
321. <i>Wuchereria bancrofti</i> is		, v.	
a) A Platyhelminthes		b) Only host in man	
c) Causing blockage of ly	mphatic vessel	d) None of the above	
322. The confirmatory test use	=		
a) ELISA	b) Schick	c) WIDAL	d) None of these
323. Hepatitis-B is also called			
a) Epidemic jaundice	b) Serum jaundice	c) Catarrhal jaundice	d) None of these
324. Plants with hallucinogeni	c properties are		
a) <i>Atropa belladona</i>	b) <i>Datura</i>	c) Both (a) and (b)	d) <i>Papaver</i>
325. Malignant malaria is caus	sed by		
a) <i>Plasmodium falciparu</i> .	m	b) <i>Plasmodium ovale</i>	
c) <i>Plasmodium vivax</i>		d) <i>Plasmodium malariae</i>	
326. In ultrasonography			
a) Antigen-antibody inte	raction occur	b) High frequency sound	waves are used
c) Magnetic waves are us		d) None of the above	
327. Lung cancer is caused by			
a) Tabacco smoke	b) X-rays	c) UR rays	d) Vehicle smoke
328. Which one of the following	•		
a) Elephantiasis and deng		b) Malaria and yellow fev	_
c) Ringworm and dengue		d) Yellow fever and dengi	
329. Ringworm is a	731	,	
a) Air borne disease	4	b) Infectious disease	
c) Non-infectious disease		d) None of these	
-		•	
330. Which of these may caus	e hypothermia in humans?	MOTTA	d) Alcohol consumption
330. Which of these may caus a) Smoking	e hypothermia in humans? b) LSD	c) Dopamine	d) Alcohol consumption
330. Which of these may causa) Smoking331. Transformation of normal	e hypothermia in humans? b) LSD al cell cancerous cell is indu	c) Dopamine ced by	
330. Which of these may causa) Smoking331. Transformation of normala) Carcinogens	e hypothermia in humans? b) LSD al cell cancerous cell is indu b) UV-rays	c) Dopamine ced by c) Neoplastic cells	d) Mutagens
330. Which of these may causa) Smoking331. Transformation of normala) Carcinogens332. Drugs, that are normally	e hypothermia in humans? b) LSD Il cell cancerous cell is indu b) UV-rays used as medicines to help t	c) Dopamine ced by c) Neoplastic cells he patients cope with ment	d) Mutagens al illness are
330. Which of these may causa) Smoking331. Transformation of normala) Carcinogens	e hypothermia in humans? b) LSD al cell cancerous cell is indu b) UV-rays	c) Dopamine ced by c) Neoplastic cells	d) Mutagens
 330. Which of these may caus a) Smoking 331. Transformation of normal a) Carcinogens 332. Drugs, that are normally a) Barbiturates 	e hypothermia in humans? b) LSD cl cell cancerous cell is indu b) UV-rays used as medicines to help the b) Amphetamines	c) Dopamine ced by c) Neoplastic cells he patients cope with ment c) Lysergic acid diethyl amides	d) Mutagens al illness are
 330. Which of these may cause a) Smoking 331. Transformation of normal a) Carcinogens 332. Drugs, that are normally a) Barbiturates 333. The foetus receives immunity 	e hypothermia in humans? b) LSD d cell cancerous cell is indu b) UV-rays used as medicines to help th b) Amphetamines	c) Dopamine ced by c) Neoplastic cells he patients cope with ment c) Lysergic acid diethyl amides her, through	d) Mutagens al illness are d) All of the above
 330. Which of these may cause a) Smoking 331. Transformation of normal a) Carcinogens 332. Drugs, that are normally a) Barbiturates 333. The foetus receives immula a) Placenta 	e hypothermia in humans? b) LSD cell cancerous cell is indu b) UV-rays used as medicines to help th b) Amphetamines unoglobulin from their moth b) Skin	c) Dopamine ced by c) Neoplastic cells he patients cope with ment c) Lysergic acid diethyl amides	d) Mutagens al illness are
 330. Which of these may cause a) Smoking 331. Transformation of normal a) Carcinogens 332. Drugs, that are normally a) Barbiturates 333. The foetus receives immula a) Placenta 334. Measures for personal hy 	e hypothermia in humans? b) LSD cl cell cancerous cell is indu b) UV-rays used as medicines to help th b) Amphetamines unoglobulin from their moth b) Skin rgiene include	c) Dopamine ced by c) Neoplastic cells he patients cope with ment c) Lysergic acid diethyl amides her, through	d) Mutagens al illness are d) All of the above
 330. Which of these may cause a) Smoking 331. Transformation of normal a) Carcinogens 332. Drugs, that are normally a) Barbiturates 333. The foetus receives immula a) Placenta 334. Measures for personal hy I. Intake of clean drinking 	e hypothermia in humans? b) LSD d cell cancerous cell is indu b) UV-rays used as medicines to help th b) Amphetamines unoglobulin from their moth b) Skin rgiene include	c) Dopamine ced by c) Neoplastic cells he patients cope with ment c) Lysergic acid diethyl amides her, through	d) Mutagens al illness are d) All of the above
 330. Which of these may cause a) Smoking 331. Transformation of normal a) Carcinogens 332. Drugs, that are normally a) Barbiturates 333. The foetus receives immula a) Placenta 334. Measures for personal hy I. Intake of clean drinking II. Keeping the body clean 	e hypothermia in humans? b) LSD al cell cancerous cell is indu b) UV-rays used as medicines to help th b) Amphetamines unoglobulin from their moth b) Skin rgiene include g water	c) Dopamine ced by c) Neoplastic cells he patients cope with ment c) Lysergic acid diethyl amides her, through	d) Mutagens al illness are d) All of the above
 330. Which of these may cause a) Smoking 331. Transformation of normal a) Carcinogens 332. Drugs, that are normally a) Barbiturates 333. The foetus receives immula a) Placenta 334. Measures for personal hy I. Intake of clean drinking II. Keeping the body clear III. Disinfection of water in the same cause in	e hypothermia in humans? b) LSD cell cancerous cell is indu b) UV-rays used as medicines to help th b) Amphetamines unoglobulin from their moth b) Skin rgiene include g water n resources	c) Dopamine ced by c) Neoplastic cells he patients cope with ment c) Lysergic acid diethyl amides her, through	d) Mutagens al illness are d) All of the above
 330. Which of these may cause a) Smoking 331. Transformation of normal a) Carcinogens 332. Drugs, that are normally a) Barbiturates 333. The foetus receives immula a) Placenta 334. Measures for personal hy I. Intake of clean drinking II. Keeping the body clean III. Disinfection of water which of the statements 	e hypothermia in humans? b) LSD d cell cancerous cell is indu b) UV-rays used as medicines to help th b) Amphetamines unoglobulin from their moth b) Skin rgiene include g water n resources given above are correct?	c) Dopamine ced by c) Neoplastic cells he patients cope with ment c) Lysergic acid diethyl amides her, through c) Mouth	d) Mutagens al illness are d) All of the above d) None of these
 330. Which of these may cause a) Smoking 331. Transformation of normal a) Carcinogens 332. Drugs, that are normally a) Barbiturates 333. The foetus receives immulated a) Placenta 334. Measures for personal hy I. Intake of clean drinking II. Keeping the body clean III. Disinfection of water which of the statements a I and II 	e hypothermia in humans? b) LSD d cell cancerous cell is indu b) UV-rays used as medicines to help th b) Amphetamines unoglobulin from their moth b) Skin rgiene include g water n resources given above are correct? b) I and III	c) Dopamine ced by c) Neoplastic cells he patients cope with ment c) Lysergic acid diethyl amides her, through c) Mouth	d) Mutagens al illness are d) All of the above
 330. Which of these may cause a) Smoking 331. Transformation of normal a) Carcinogens 332. Drugs, that are normally a) Barbiturates 333. The foetus receives immulated a) Placenta 334. Measures for personal hy I. Intake of clean drinking II. Keeping the body clear III. Disinfection of water which of the statements a) I and II 335. Which of the following ceeping the statements and III. 	e hypothermia in humans? b) LSD cell cancerous cell is indu b) UV-rays used as medicines to help the b) Amphetamines unoglobulin from their moth b) Skin rgiene include g water n resources given above are correct? b) I and III	c) Dopamine ced by c) Neoplastic cells he patients cope with ment c) Lysergic acid diethyl amides her, through c) Mouth c) II and III mechanism of the body?	d) Mutagens al illness are d) All of the above d) None of these d) I, II and III
330. Which of these may cause a) Smoking 331. Transformation of normal a) Carcinogens 332. Drugs, that are normally a) Barbiturates 333. The foetus receives immulated a) Placenta 334. Measures for personal hy I. Intake of clean drinking II. Keeping the body clean III. Disinfection of water which of the statements a) I and II 335. Which of the following cean a) Macrophages	e hypothermia in humans? b) LSD d cell cancerous cell is indu b) UV-rays used as medicines to help th b) Amphetamines unoglobulin from their moth b) Skin rgiene include g water n resources given above are correct? b) I and III ells are involved in defence to	c) Dopamine ced by c) Neoplastic cells he patients cope with ment c) Lysergic acid diethyl amides her, through c) Mouth c) II and III mechanism of the body? c) Lymphocytes	d) Mutagens al illness are d) All of the above d) None of these d) I, II and III d) All of these
330. Which of these may caus a) Smoking 331. Transformation of norma a) Carcinogens 332. Drugs, that are normally a) Barbiturates 333. The foetus receives immu a) Placenta 334. Measures for personal hy I. Intake of clean drinking II. Keeping the body clean III. Disinfection of water in Which of the statements a) I and II 335. Which of the following ce a) Macrophages 336. If a certain patient is susp	e hypothermia in humans? b) LSD d cell cancerous cell is indu b) UV-rays used as medicines to help th b) Amphetamines unoglobulin from their moth b) Skin rgiene include g water n resources given above are correct? b) I and III ells are involved in defence to b) Neutrophils pected to be suffering from	c) Dopamine ced by c) Neoplastic cells he patients cope with ment c) Lysergic acid diethyl amides her, through c) Mouth c) II and III mechanism of the body? c) Lymphocytes	d) Mutagens al illness are d) All of the above d) None of these d) I, II and III d) All of these
 330. Which of these may cause a) Smoking 331. Transformation of normal a) Carcinogens 332. Drugs, that are normally a) Barbiturates 333. The foetus receives immulated a) Placenta 334. Measures for personal hy I. Intake of clean drinking II. Keeping the body clean III. Disinfection of water which of the statements a) I and II 335. Which of the following cean a) Macrophages 336. If a certain patient is suspercommend for its detect 	e hypothermia in humans? b) LSD d cell cancerous cell is indu b) UV-rays used as medicines to help th b) Amphetamines unoglobulin from their moth b) Skin rgiene include g water n resources given above are correct? b) I and III ells are involved in defence to b) Neutrophils pected to be suffering from tion?	c) Dopamine ced by c) Neoplastic cells he patients cope with ment c) Lysergic acid diethyl amides her, through c) Mouth c) II and III mechanism of the body? c) Lymphocytes typhoid. Which diagnostic t	d) Mutagens al illness are d) All of the above d) None of these d) I, II and III d) All of these sechnique will you
330. Which of these may cause a) Smoking 331. Transformation of normal a) Carcinogens 332. Drugs, that are normally a) Barbiturates 333. The foetus receives immulated a) Placenta 334. Measures for personal hy I. Intake of clean drinking II. Keeping the body clean III. Disinfection of water which of the statements a) I and II 335. Which of the following cean a) Macrophages 336. If a certain patient is susprecommend for its detect a) ELISA	e hypothermia in humans? b) LSD d cell cancerous cell is indu b) UV-rays used as medicines to help th b) Amphetamines unoglobulin from their moth b) Skin rgiene include g water n resources given above are correct? b) I and III ells are involved in defence to b) Neutrophils pected to be suffering from tion? b) WIDAL	c) Dopamine ced by c) Neoplastic cells he patients cope with ment c) Lysergic acid diethyl amides her, through c) Mouth c) II and III mechanism of the body? c) Lymphocytes typhoid. Which diagnostic t	d) Mutagens al illness are d) All of the above d) None of these d) I, II and III d) All of these
330. Which of these may caus a) Smoking 331. Transformation of norma a) Carcinogens 332. Drugs, that are normally a) Barbiturates 333. The foetus receives immu a) Placenta 334. Measures for personal hy I. Intake of clean drinking II. Keeping the body clean III. Disinfection of water in Which of the statements in a) I and II 335. Which of the following ce a) Macrophages 336. If a certain patient is suspended in the statement i	e hypothermia in humans? b) LSD d cell cancerous cell is indu b) UV-rays used as medicines to help th b) Amphetamines unoglobulin from their moth b) Skin rgiene include g water n resources given above are correct? b) I and III ells are involved in defence to b) Neutrophils pected to be suffering from tion? b) WIDAL	c) Dopamine ced by c) Neoplastic cells he patients cope with ment c) Lysergic acid diethyl amides her, through c) Mouth c) II and III mechanism of the body? c) Lymphocytes typhoid. Which diagnostic t c) MRI technologies.	d) Mutagens al illness are d) All of the above d) None of these d) I, II and III d) All of these sechnique will you

	•	omograpny (CAT) snows de		-
		nd detailed images of organ	s like prostate glands and	lungs.
	Which two of the above st			
	a) II and IV	b) III and IV	c) I and III	d) I and II
338		the parasite that causes Tas	shkent ulcers is	
	a) <i>Glossina palpalis</i>		b) <i>Phlebotomus argentip</i>	es
	c) <i>Phlebotomus papatass</i>		d) <i>Triatoma infestans</i>	
339	. The major phagocytic cell	s are		
	a) Antibody	b) Antigen	c) Lymphocytes	d) Macrophages
340	. Stomach clear out pathog	ens with the help of		
	a) Secreting HCl	b) Secreting hormone	c) Both (a) and (b)	d) None of these
341	. Full form MALT is			
	a) Mucosal Associated Ly	mphoid Tissue	b) Memory Associated Ly	mphoid Tissue
	c) Memory Associated Ly	mphocyte Tissue	d) Mucosa Associated Lyr	nphocyte Tissue
342	. Ishihara chart is used to d	letect		
	a) TB	b) Eye sight	c) Colour blindness	d) diabetes
343	. Mast cell is a cell ofA	of vertebrate animals. Mast	cells mediate inflammator	ry responses such asB
	. Mast cells store a numbe	r of different chemical med	iators includingC and	D Here A to D refers to
	a) A-immune system, B-a	llergic reactions, C-	b) A-bone marrow, B-alle	rgic reactions, C-mucous, D-
	histamine, D-serotonin		cerumen	
	c) A-thymus, B-allergic re	actions, C-histamine, D-	d) A-immune system, B-a	llergic reactions, C-
	cerumen		cerumen, D-serotonin	
344	. HIV is aA , which mea	ns it has genes composed o	fB like all viruses, HIV	replicates inside the host
	cells. Its considered a retr	ovirus because it uses an e	nzymes,C, to convert	.D intoE Here A to E
	refers to			
	a) A-retrovirus, B-RNA, C	-reverse transcriptase, D-R	NA, E-DNA	
	b) A-retroviral, B-DNA, C-	reverse transcriptase, D-DI	NA, E-RNA	
	c) A-rhinovirus, B-DNA, C	-reverse transcriptase, D-D	NA, E-RNA	
	d) A-adenovirus, B-RNA, (C-reverse transcriptase, D-I	RNA, E-DNA	
345	. The specific parts of the a	ntibody molecule that bind	s the antigen are called	
	a) Heavy chain			
	b) Small chain			
	c) Antigen binding site			
	d) Antibody bindings side	•		
346	. Candom(nirodh) is forme	ed by		
	a) Hindustan Liver Ltd	b) Hindustan Latex Ltd	c) Both (a) and (b)	d) None of these
347	. Interferon is a type of pro	tein, which is used to cure		
	a) Homeostatic disorder		b) Hepatitis caused by vir	rus
	c) Common cold caused b	y virus	d) Both (b) and (c)	
348	. Chancroid is a sexually tra	ansmitted disease caused b	y	
	a) <i>Treponema</i>	b) <i>Haemphilus</i>	c) <i>Neisseria</i>	d) <i>Chlamydia</i>
349	. Antiviral substances are			
	a) Antibiotics	b) Antibodies	c) Interferons	d) Vaccines
350	. Which one of the followin	g statements is correct with	h respect to AIDS?	
	a) The HIV can be transm	itted through eating food to	gether with an infected pe	erson
	b) Drug addicts are least	susceptible to HIV infection	1	
	c) AIDS patients are being	g fully cured cent per cent v	vith proper care and nutrit	cion
	d) The causative HIV retro	ovirus enters helper T-lym	phocytes thus, reducing th	eir numbers
351	. An autoimmune disease v	where the body's own antib	odies attack the cells of the	e thyroid is called

a) Hyperthyroidism		b) Hashimoto's disease	
c) Grave's disease		d) Turner's syndrome	
352. A sexually transmitted di	sease, symptomized by th	e development of ulcers on	the genitals, is caused by the
infection of			
a) <i>Treponema pallidum</i>		b) <i>Neisseria gonorrhoea</i>	e
c) Human Immunodefici	-	d) Hepatitis-B virus	
353. Smoking addiction is har			
a) Reduction in oxygen to	ransport	b) Increase in blood pres	
c) Cancer		d) Retardation of growth	
354. The process, in which an matter, is called	tibody comes in contact w	ith antigen and convert the	m in harmless insoluble
a) Activation	b) Agglutination	c) Neutralization	d) Opsonization
355. Which one of the following		-	.,
a) Cholera	b) Diphtheria	c) Measles	d) Whooping cough
356. In India, there is decline i			
a) Less female reach repi		ı ,	
b) Number of female chil	•	e is more chance of prenata	l death in case of female
child			
c) Female infanticide			
d) All of the above			
357. Hepatitis is a			
a) Viral diseases	b) Bacterial diseases	c) Fungal diseases	d) Protozoan diseases
358. Nicotine is	12.0) () ()	D.D. (1.4.)
a) An alkaloid	b) Steroid	c) Stimulant	d) Both (a) and (c)
359. Physical carcinogen, e.g.			d) Production desired
a) DNA damage	b) RNA damage	c) Both (a) and (b)	d) Protein damage
360. Critical state of disease is		c) Acholin	d) Nama of these
a) Acme361. Who among the following	b) Acromion		d) None of these
a) Edward Jenner	b) George Kohler	c) Louis Pasteur	d) Von Behring
362. The first antibiotic was d	_	c) Louis I asteur	u) von bening
a) A Fleming	b) W Flemming	c) R Koch	d) Louis Pasteur
363. Malaria is caused by	b) W Hemming	c) K Koen	aj Louis i asteui
a) <i>Plasmodium vivax</i>		b) <i>Plasmodium malariae</i>	,
c) <i>Plasmodium falciparu</i>	m	d) All of these	
364. AIDS stands for		,	
a) Acquired Immuno Def	iciency Syndrome	b) Acquired Immuno Def	ficiency Sign
c) Acquired Immuno Def		d) Acquired Immuno Def	_
365. Which of the following is	• •	*	,
a) Manipur	b) Rajasthan	c) Meghalaya	d) Arunachal Pradesh
366. In ECG, what does T-way		, ,	
a) Diastole of auricles	•	b) Diastole of ventricles	
c) Systole of ventricles		d) Diastole of auricles an	d ventricles
367. Marriageable age of girl a	and boys is	•	
a) 21 and 24	b) 18 and 21	c) 15 and 18	d) 18 and 24
368. Which cell secretes antib	•		
a) Lymphocytes	b) Monocytes	c) Eosinophils	d) Neuterophils
369. Which one of the following	ng diseases causes dry, sca	lly lesions on skin, nails and	scalp?
a) Ringworm	=		d) None of these

370. The invasion of cancer	ous cells from one part of the	e body to another of body	is called
a) Contact inhibition	b) Metastasis	c) Benign tumour	d) Tumour
371. Malignant tumours are			
I. mass of neoplastic co			
	rapidly and damaging the su	irrounding normal tissue	
III. cells that show the			
Which of the statemen	ts given above are correct?		
a) I and II	b) I and III	c) II and III	d) All of these
372. An example of innate i	mmunity is		
a) PMNL- neutrophils		b) T- lymophocytes	
c) B-lymphocytes		d) T _H - cells	
373. Lung tuberculosis is ca			
a) <i>Pseudomonas aeru</i> g	ginosa	b) <i>Mycobacterium tub</i>	erculosis
c) <i>Streptococcus pneu</i>		d) <i>Escherichia coli</i>	
374. Which one of the follow	wing is not correctly matched	d?	
a) <i>Glossina palpalis</i>			
b) <i>Culex</i>	- Filariasis		
c) <i>Aedes aegypti</i>	 Yellow fever 		
d) <i>Anopheles culifacie</i> .			
375. HIV virus affect I	•		
a) Cytotoxic T-cell	b) M-N cell	c) Suppressor cell	d) Helper T-cell
376. A person likely to deve	elop tetanus is immunized by		
a) Dead germs	- th	b) Performed antibodic	es
c) Wide spectrum ant	Maria Santa	d) Weakened germs	
		viruses and bacteria that o	can cause sickness. Which cells
are part of the immune	-		
a) White blood cells	b) Red blood cells	c) Nerve cells	d) None of these
378. Consider the following	The state of the s	LATION	
	astasis is shown by malignan	t tumours	
· ·	agents that causes cancer		
=	ses little damage to body cell	ls	
	ts given above are correct?		
	b) I and III	c) II and III	d) I, II and III
379. Gonorrhea is caused by			
a) <i>Treponema pallidui</i>		b) <i>Entamoeba gingival</i>	
c) <i>Mycobacterium lep</i>		d) <i>Neisseria gonorrhoe</i>	
	CG, a patient is connected to		
a) One to each wrist ar		b) One to each ankle ar	nd the left wrist
_	nd to the left chest region	d) One to each ankle ar	nd to the left chest region
381. Typhoid is caused by			
a) Bacteria	b) Virus	c) Protozoa	d) Fungus
382. X-rays are used in			
a) ECG	b) EEG	c) CT-scan	d) Endoscopy
383. Penicillin was used in			
a) First world war	b) second world war	c) Both (a) and (b)	d) None of these
384. Side effects of anabolic	steroids in females include		
I. masculinization			
II. aggressiveness			
III. mood swings, depr	ession		

	IV. abnormal menstrual o	cycle		
	V. excessive facial and bo	dy hair		
	Choose the correct option	n		
	a) I, II and III	b) I, II, III and IV	c) II, III, IV and V	d) I, II, III, IV and V
385	. Amphetamines are the d	rugs of		
	a) Narcotics	b) Sedatives	c) Stimulants	d) hallucinogens
386	. Which of the following bi	rth control measure can b	e considered as the safest?)
	a) The rhythm method		b) The use of physical b	arriers
	c) Termination of unwan	ited pregnancy	d) Sterilization techniqu	ies
387	. Aspirin is a/an			
	a) Antibiotic	b) Antipyretic	c) Antiseptic	d) None of these
388	. Flemming, Chain and Flo	rey were awarded the Nol	oel Prize in 1945 for the dis	scovery of
	a) HIV	b) CT scan	c) Penicillin	d) <i>Staphylococcus</i>
389	. Heroin is obtained from J	plant of family		
	a) Papaveraceae	b) Leguminosae	c) Cruciferae	d) Liliaceae
390	. The combination of surge	ery, radiotheraphy and ch	emotheraphy can help to tr	reat
	a) Cancer	b) AIDS	c) both (a) and (b)	d) None of these
391	. Rejection of tissue or gra	ft transplants is brought a	. , , , , , , , , , , , , , , , , , , ,	•
	a) Cytotoxic T-cells	b) Suppressor T-cells	c) B-cells	d) Macrophages
392	• •		•	ains andD longer chains
	calledE chains	, , ,		3
	The antibody, therefore,	is represented asF		
	Here A to F refers to	S.L.	>	
	a) A-four, B-two, C-light,	D-two. E-heavy. F-H ₂ L ₂	_	
	b) A-six, B-three, C-light,	The state of the s		
	c) A-two, B-one, C-light, I			
	d) A-five, B-two, C-light, I			
393	. Antibodies are produced		CATION	
0,0	a) Leucocytes	b) Lymphocytes	c) Erythrocytes	d) None of these
394	. The test, which is misuse			a) None of these
571	a) Clotting test	b) Amniocentesis	c) Erythroblastosis	d) aniogram
395	. Heroin	b) miniocentesis	cj Liyun obiastosis	a) amogram
373	a) Is a depressant		b) Slows down body fur	actions
	c) As commonly called si	nack	d) All of the above	ictions
206			and for curing night blinds	noso?
390	_	useu iii eye iiiiaiiiiiatioii	b) <i>Cichorium intybus</i>	11622;
	a) <i>Atropa belladonna</i>		•	
207	c) <i>Eclipta alba</i>	-+: C : C+ d+l	d) <i>Emilia sonchifolia</i>	_1.
397			er to her child occurs throug	•
200	a) Liver	b) Placenta	c) Skin	d) None of these
398	. Metastasis is associated v			1) (
200	a) Malignant tumours	b) Benign tumours	c) Both (a) and (b)	d) Crown gall tumour
399	Bone marrow is the site f	=		15 m 1 1 11
400	a) B-lymphocyte	b) T-lymphocyte	c) Both (a) and (b)	d) T-helper cells
400	. Smack is a drug obtained			
	a) Latex of <i>Papaver somi</i>	niterum	b) Leaves of <i>Cannabis sa</i>	
, -	c) Flowers of <i>Datura</i>		d) Fruits of <i>Erythroxylu</i>	
401			nan if these are infected wi	ith
	a) <i>Plasmodium malariae</i>		b) <i>Plasmodium vivax</i>	
	c) <i>Plasmodium falciparu</i>	m	d) <i>Plasmodium ovale</i>	

402. The Ig that mediates alle	rgic reaction is		
a) IgM	b) IgG	c) IgE	d) IgA
403. Antibodies are the glycol	oroteins which		
a) Provides localized pro	tection in external secretio	ons against bacteria and vir	uses
b) Involved in allergic an	d hypersensitivity		
c) Helps in complement	activation		
d) All of the above			
404. Which malaria parasite h	as longest incubation perio	od?	
a) <i>Plasmodium. vivax</i>	b) <i>P.falciparum</i>	c) <i>p. malariae</i>	d) <i>p. ovale</i>
405. Which of the following is	a characteristics of antiboo	dies?	
a) Carbohydrate structui	re	b) Composed of heavy an	d light polypeptide chains
c) Three binding sites pe	er antibody monomer	d) All of the above	
406. AIDS is caused by			
a) Virus	b) Bacteria	c) Protozoa	d) Fungi
407. Which one of the following	ng techniques is used for th	e detection of cancers?	
a) Magnetic Resonance I	maging (MRI)	b) Radiography (X-ray)	
c) Computed Tomograph	ıy (CT)	d) All of the above	
408. Plasmodium is a			
a) Symbiont	b) Parasite	c) Saprophyte	d) None of these
409. In the immune system, ir	nterferons are part of		
a) Physiological barriers			
b) Cellular barriers			
c) Physical barriers	S. A.	~	
d) Cytokine barriers			
410. A transplant between inc		es, but with different MHC/	HLA alleles is
a) Autograft	b) Isograft	c) Xenograft	d) Allograft
411. The function of IgE is	C EDII/	LACITAS	
a) Mediate in allergic res	ponse LUS ED U	LATION	
b) Activation of B-cells			
	ed and ingested pathogens		
•	ment system, passive immı	•	
412. The primary and secondary	•		
a) Immunoglobulins	b) T-lymphocytes	c) both (a) and (b)	d) Lysozymes
413. Opium is extracted from			
a) <i>Atropa belladona</i>	b) <i>Papaver somniferum</i>	c) <i>Vinca rosea</i>	d) <i>Azadirachta indica</i>
414. Which of the following ca	-		
a) Chromium	b) Cadmium oxide	c) Vinyl chloride	d) Aflatoxins
415. <i>Salmonella</i> is related wit) mp	15
a) Typhoid	b) Polio	c) TB	d) Tetanus
416. Diphtheria is caused by			
	ving bacterial cells into the		
_	dead bacterial cells into th	ie host tissues	
c) Poisons released by vi			
-	ponse by the host's body		
417. HIV can not be transmitt	ed through the following op		
a) Hugging		b) Sharing foods	
c) Using public toilet	1 . 1 . 22 . 2	d) Sharing razor blades	
418. Small proteins produced multiplication of viruses	•	ly in response to viral infe	ctions and which inhibit
munipheadon of viruses	ai e calleu		

a) Immunoglobulins	b) Interferons	c) Antitoxins	d) Lipoproteins	
419. In the metropolitan cities	of India, many children ar	e suffering from allergy or a	asthma. What are the main	
causes of this problem?				
I. Due to sensitivity to the	environment			
II. Because of the protecte	ed environment provided e	arly in life		
III. Modern-day life style				
a) I and II	b) I and III	c) II and III	d) I, II and III	
420. Which one of the followin	g is the correct statement	regarding the particular ps	ychotropic drug specified?	
a) Hashish causes alter th	rough perception and hall	ucinations		
b) Opium stimulates nerv	ous system and causes hal	lucinations		
c) Morphine leads to delu	ısions and disturbed emoti	ons		
d) Barbiturates cause rela	exation and temporary eup	horia		
421. When the infection occurs	s in the alveoli (microscopi	ic air sacs in the lungs) they	fill the fluid. When the	
alveoli don't work efficiency, the lungs are less able to extract oxygen from the air. This causes the feeling				
of being short of breath, v	which is one of the most co	mmon symptoms of pneum	onia	
The above paragraph is				
a) True				
b) False				
c) Sometimes (a) and son	netimes (b)			
d) Neither (a) nor (b)	,			
422. To confirm ELISA for AID	S, we used			
a) Western blotting	b) Northern blotting	c) Southern blotting	d) Eastern blotting	
423. Which is not cancer?			, 0	
a) Leukaemia	b) Trachoma	c) Carcinoma	d) Sarcoma	
424. DTP vaccine is given for	4	,		
a) Tetanus, polio, plague	2.0	b) Diphtheria, whooping	cough and leprosy	
c) Diphtheria, pneumonia	ı, tetanus	d) Diphtheria, whooping		
425. Sickle cell anaemia has no				
a) It is controlled by reces		b) It is not a fatal disease		
c) It provides immunity a	•	d) It is controlled by dom	inant genes	
426. Thymus is the site for the	-	•	O	
-	="	c) Both (a) and (b)	d) Antibodies	
427. A person is injected with			,	
a) Artificially acquired pa		b) Artificially acquired ac	tive immunity	
c) Naturally acquired acti		d) Naturally acquired pas	=	
428. An alkaloid called 'Reserp		, , , , , , , , , , , , , , , , , , , ,	J	
a) Leaves of ashwagandh		b) Roots of sarpagandha		
c) Leaves of sarpagandha		d) Roots of ashwagandha		
429. Human immunodeficiency		,		
a) Acquired immuno defi		b) Anthrax		
c) Tuberculosis	J	d) Polio		
430. In heavy smokers, the alv	eoil of the lungs are enlarg	*	luces the surface area for	
	ry gases. The condition is o	-		
a) Asthma	b) Silicosis	c) Emphhysema	d) Insomnia	
431. Entamoeba histolytica f	•	, ,	,	
a) Liver	b) Small intestine	c) Large intestine	d) WBCs	
432. Identify the wrongly mate	=	, 0	,	
	idal test			
	iral disease			

c) Malignant malaria - <i>Plasmodium falciparum</i>		
d) Common cold - Rhinovirus		
433. A	at which stage of HIV infection does one usually sho	ws symptoms of AIDS?	
a) When viral DNA is produced by reverse transcrip	otase	
b) When HIV replicates rapidly in helper T-lymphoc	ytes and damages large nu	mber of these
c) With 15 days of sexual contact with an infected po	erson	
d) When the infecting retrovirus enters host cells		
434. C	onsider the following statements		
I.	Dead cells of the skin prevents pathogen entry		
	I. Skin secretes oil that makes skin surface acidic		
I	II. Skin secretes sweat that makes surface acidic		
V	Which of the statement given above are correct?		
a) I and II b) I and III	c) II and III	d) I, II and III
435. S	ymptoms of allergic reaction includes		
a) Watery eyes	b) Running nose	
c) Respiratory complaints	d) All of these	
436. A	person has developed interferon in his body. He se	eems to carry an infection o	of
a) Typhoid b) Filariasis	c) Malaria	d) Measles
437. S	pread of AIDS is due to		
a) Infected needless and syringes	b) Sexual contact with in	fected person
c) Both (a) and (b)	d) Sharing public toilet	
438. H	Iuman population growth is		
) Lag b) Stationary	c) Exponential	d) None of these
439. N	Ialarial parasite is introduced into the blood of mar	ı as a	
a) Metacryptozoite b) Schizont	c) Oocyte	d) Sporozoite
440. E	xpanded from of ELISA is		
a) Enzyme Linked Immuno Sorbent Assay	b) Enzyme Linked Ion So	rbent Assay
C) Enzyme Linked Inductive Assay	d) None of the above	
	lephantiasis causing organism belong to		
a) Aschelminthes b) Platyhelminthes	c) Cnidaria	d) Porifera
442. V	accination provides		
a) Natural immunity b) Passive immunity	c) Both (a) and (b)	d) Active immunity
443. V	Vhich of the following is not hallucinogen?		
) Heroin b) LSD	c) Marijuana	d) Charas
444. V	Vhich one of the following acts as a physiological ba	arrier to the entry of micro	organisms in human body?
a) Tears	b) Monocytes	
) Skin	d) Epithelium of urogenit	tal tract
445. T	he truck drivers usually take		
a) Amphetamines b) LSD	c) Caffeine	d) morphine
	hort lived immunity acquired from mother to foetu	s across placenta or throug	gh mother's milk to the
	nfant is categorized as		
a) Active immunity	b) Passive immunity	
) Cellular immunity	d) Innate or non-specific	
	ancer cells are more easily damaged by radiation t		•
) Starved of mutation	b) Undergoing rapid divis	sion
) Different in structure	d) Non-dividing	
	attle fed with spoilt hay to sweet clover, which con	tains dicumarol	
) are healthier due to good diet		
b) Catch infections easily		

c) May suffer with vitamin-K deficiency and prolonged bleeding					
d) May suffer from ber	i-beri due to deficiency o	of vitamin-B			
449. Which of the following	are the reasons for rheu	ımatoid arthritis? Choose the	correct option		
I. Lymphocytes become	e more active				
II. Body attacks self cel	ls				
III. More antibodies are	e produced in the body				
IV. The ability to differ	entiate pathogens or for	eign molecules from self cells	s to lost		
a) I and II	b) II and IV	c) III and IV	d) I and III		
450. In which of the following	ng disorders, person wil	l become hypersensitive abo	ut ones look?		
a) Hypochondria	b) Anxiety	c) Mood	d) Phobia		
451. Warning signs of drug	and alcohol abuse includ	des			
I. Drop in academic per					
II. Absence from schoo	l/college				
III. Lack of interest in p	-				
_	n, fatigue, aggressive an	d rebellious behavior			
a) I, II and III	b) I, III and IV	c) II, III and IV	d) I, II, III and IV		
452. How does antigen-dete	erminant differ from ant	igen binding site?	-		
a) By its structure	b) By its location	c) By its function	d) All of these		
453. Infective stage to man		es haematuria is	•		
a) Miracidium	b) Redia	c) Microfilaria	d) Cercaria		
454. Health is affected by	•	-	•		
I. genetic disorders					
II. infections	S 4	. >			
III. life style	199				
Which of the key word	s given above are correc	t?			
a) I and II	b) I and III	c) II and III	d) I, II and III		
455. Normal cell have genes	s calledA which are p	present in inactiveated state l	out under certain conditions		
	sformed toC Here A,				
a) A-cellular oncogenes, B-mutation, C-cancer causing oncogenes					
	b) A-proto-oncogenes, B-mutation, C-disease causing genes				
c) A-viral oncogenes, B-mutation, C-tomour causing genes					
d) None of the above					
456. Purified antibiotic pen	icillin of <i>Penicillium not</i>	atum was discovered by			
a) Alexander Fleming	b) Howard Floxy	c) Robert Hooke	d) Carolus Linnaeus		
457. Amoebiasis is caused b	ру	-			
a) <i>Plasmodium</i>		b) <i>Entamoeba histoly</i>	tica		
c) House files		d) Contaminated food	and water		
458. Which of the following drugs can be used to reduce allergic reaction due to unavoidable substances?					
I. Anti-histamine					
II. Adrenaline					
III. Steroids					
a) I and II	b) I and III	c) II and III	d) I, II and III		
	*	. with age. Here A and B refer	-		
a) A-large; B-reducing		b) A-small; B-increasi			
c) A-large; B-disappea	r	d) A-not present; B-ap			
460. Which one is not a sym			-		
a) Stools with excess n	=	b) Constipation			
c) Abdominal pain		d) Nasal discharge			
461. Choose the wrong state	ement	,			

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a) filv has kiva as its genetic material		
b) HIV replicates in T _H -lymphocytes		
c) Antiretroviral drugs are partially effective for AII	OS treatment	
d) The time-lag between the infection and appearan	ce of AIDS symptoms may	vary from few hours to a
week		, and the second
462. Human health can be maintained by		
	a) Pogular oversige	d) All of those
,	c) Regular exercise	d) All of these
463. Genetic counsellors can identify heterozygous indiv	=	
a) Height of individuals	b) Colour of individuals	
c) Screening procedures	d) All of the above	
464. Electric potential of the brain is recoreded by		
a) CT scan	b) Sphygmomanometer	
c) ECG	d) EEG	
465. Jaundice is a disease of	,	
a) Pancreas b) Kidney	c) Liver	d) Duodenum
466. T-lymphocytes differentiate and matured in	ey Eivel	aj Daouenam
	a) Livon	d) Thymus aland
a) Bone marrow b) Kidneys	c) Liver	d) Thymus gland
467. Fever in malaria is due to		
a) Release of merozoites from RBCs	b) Entry of sporozoites in	_
c) Entry of cryptomerozoites into RBCs	d) Entry of merozoites in	
468. The figure given below shows an antibody molecule	. Name the parts A , B and C	• '
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a) A-Antigen binding site, B-Heavy chain, C-Light ch	ain	
b) A-Antibody binding site, B-Light chain, C-Heavy c		
c) A-Antigen binding site, B-Short chain, C-Long cha		
d) A-Antibody binding site, B-Long chain, C-Short ch		
469. A vaccine meant for protection against tuberculosis		
-		d) DCC
a) BCG b) DPT	c) TT	d) BGC
470. Which one of the following pairs is not correctly ma		
a) Vitamin-B ₁₂ Pernicious anaemia	b) Vitamin-B ₆ I	= =
c) Vitamin- B_1 Beri-beri	d) Vitamin-B ₂	Pellagar
471. An example of liquid tumour is		
a) Glioblastoma	b) Adenocarcinoma	
c) Chondrosarcoma	d) Myelocytic leukaemia	
472. The drug 'cyclosporin' used for organ transplant pat	tients is obtained from a	
a) Bacterium b) Fungus	c) Virus	d) Plant
473. Sand fly spreads a particular type of disease by its	cy virus	a) i iaire
a) proboscis b) Mandible	c) Salivary gland	d) None of these
		-
474. Which of the following disease caused internal bleed	anig, muscular pain, lever, a	anaenna and blockage of the
intestinal passage?		1) m
a) Ascariasis b) Filariasis	c) Amoebiasis	d) Trypanosomiasis
475. Which of the following statement is not true about F	HIV/AIDS?	
a) HIV is a contagious disease		

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c) Attack the T-cytotoxic cells of immune system d) AIDS was first reported in 1981 476. Ascariasis is caused by an endoparasite of humanA commonly calledB Here A and B refers to a) A-Ascaris suum. B-tapeworm b) A-Ascaris lumbricoides; B-roundworm c) A-Ascaris worm; B-flatworm d) A-Ascaris secernentez, B-liver worm 477. Aedes aegypati is a vector for a) Both dengue and yellow fever d) Japanese encephalitis 478. Mainly allergic reactions occur in a) Metro cities b) Urban areas c) Rural areas d) None of these 479. Which one of the following non-infectious disease is the major cause of death in humans? a) Cancer b) AIDS c) Asthma d) Typhoid 480. Which is correct pair of pathogen and its vector? a) Plasmodium and Anopheles b) Plasmodium and culex c) Virus and Anopheles d) Protozoan and Aedes 481. Haemozoin is released into blood during the infection of Plasmodium vivax at every a) 24 h b) 48 h c) 72 h d) 12 h 482. The opposite to acquired immunity is a) Active immunity b) Passive immunity c) Innate immunity d) B-cell immunity 483. Hepatitis-B vaccine is produced from a) Yeast b) Bacteriophase c) Bacteria d) All of these 484. Sphygmomanometer measures a) Nerve conduction rate b) Heart beat rate c) Blood pressure d) Pulse rate 485. Take the odd one out. a) Rabies, influenza, AIDS b) Amoebiasis, glardiasis, trypanosomiasis c) Taeniasis, ascariasis, elephantiasis d) Cancer, tuberculosis, tetanus 486. The drug useful to increase cardiovascular effects in human beings is a) Gocaine b) Barbiturate c) Benzodiazepine d) Insulin 487. Magic bullets are the a) Recombinant vaccines b) Monoclonal antibodies c) Chemotherapy drugs for cancer d) Anabolic steroids 488. Your immune system helps to protect you against viruses and bacteria that can cause sickness. Which cell is a part of inverse cartera.
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is a part of immune greater?
is a part of immune system?
a) White memory b) Red blood T-cells c) Nerve cells B-cells d) All of the above
489. Which one of the following is correct matching of a vitamin, its nature and its deficiency disease?
a) Vitamin-A-Fat soluble-Night blindness b) Vitamin-K- Fat soluble- Beri beri
c) Vitamin-A- Fat soluble-Beri beri d) Vitamin-K- Water soluble-Pellagra
490. In India, AIDS was reported in
a) 1932 b) 1986 c) 1990 d) 1992
w) = r =
491. Immunological destruction of body tissue or its products due to antibodies reacting with it as foreign
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Choose the correct combination

a) I-True; II-True	b) I-False; II-False	c) I-True; II-False	d) I-False; II-True
493. Anaemia is due to defic	-	, ,	,
a) Ca	b) Fe	c) Mg	d) P
494. Which of the following	•	, ,	
a) Dengue fever	b) Encephalitis	c) Filariasis	d) Typhoid
495. HIV belongs to which of	-		3 31
a) Retrovirus	b) Togavirus	c) Adenovirus	d) Lentivirus
496. Neurasthenia refers to	, 0	,	
a) Undue concern abou	t health		
b) Traumatic experienc			
c) Disorder of sensory	=		
	oncentrate on or enjoy thin	ngs	
497. Grafting of tissue or org	· ·	-	
a) Autograft	b) Isograft	c) Xenograft	d) Allograft
498. Passive immunization i	, ,	, ,	, ,
a) Transfer of lymphoc	yte directly	b) Transfer of materna	l antibodies across placenta to
, , ,	,	the foetus	•
c) Introduction of antib	oodies	d) Both (b) and (c)	
499. Ultrasound of how muc			ohy?
a) 30-45 MHz	b) 15-30 MHz	c) 1-15 MHz	d) 45-70 MHz
500. The tests that are used	in the diagnosis of AIDS ar	re	-
a) ELISA and immunob		b) Northern blot and E	LISA
c) ELISA and southern blot d) Western blot and ELISA			JISA
501. The complexes formed	during immune complex r	nediated hypersensitivity a	re removed by
a) Eosinophils and T_c co	ells	b) Monocytes and B-ly	mopocytes
c) Eosinophils and mor	ocytes	d) Eosinophils and bas	ophils
502. If a person is feeding or	nly on meat, egg and milk t	hen he will suffer from	
a) Nightblindness	b) Scurvy	c) Rickets	d) Beri-beri
503. <i>Plasmodium</i> life cycle	is		
a) Digenetic	b) Monogenetic	c) Both (a) and (b)	d) None of these
504. The method, which yie	lds the best pictorial from	and does not expose the pa	itient to potentially harmful
ionizing radiations is			
a) X-ray radiography		b) Angiography	
c) Computed tomograp	hy	d) Magnetic resonance	imaging
505. Human Immunodeficie	ncy Virus (HIV)		
I. belongs to the group	retrovirus		
II. has RNA genome enc	losed in an envelope		
Which of the statement	s given above are correct?		
a) Only I	b) Only II	c) I and II	d) None of these
506. Physical carcinogens ar	e		
a) UV-rays	b) X-rays	c) γ-rays	d) All of these
507. Immunity gained after	an infection is called		
a) Active immunity	b) Innate immunity	c) Passive immunity	d) None of these
508. Which of the following	method is used for detecti	on of antibodies?	
a) Competitive ELISA		b) Indirect or sandwich	n ELISA
c) Antibody class captiv	e ELISA	d) All of the above	
509. Antibody production is	assisted by		
a) Monocytes	b) Natural killer cells	c) T-lymphocytes	d) Phagocyte
510 Which of the following			

	a) GABA	b) Acetylcholine	c) Dopamine	d) Glutamic acid
511.	Tetunas disease is caused		·) - · · · · · · · · · · · · · · · · · ·	,
	a) Virus	b) Bacteria	c) Fungi	d) Mycoplasma
512.	Interferon is a type of	-,	-))) p
	a) Anti-bacterial protein		b) Anti-viral protein	
	c) Complex protein		d) Anti-clotting protein	
513.	. Humoral immunity is also	called as	al) rance ere com g process	
	a) Antibody mediate imm		b) Non-specific immune r	esponse
	c) Antigen mediated imm		d) None of the above	
514.	Select the true statements	-	.,	
			ainst cancer specific antige	ns for certain type of cancer
		rgically removed to reduce		- -
		-		ority of the drugs have side
	affects like hair loss, anae	_	, ,	, ,
	a) I and II	b) I and III	c) II and III	d) I, II and III
515.	•	ent in colostrum secreted b	•	
	is		, , , , ,	,
	a) IgA	b) IgM	c) IgG	d) IgE
516.		cks in certain seasons are r	_	7.8
	a) Hot and humid environ		b) Eating fruits preserved	in tin containers
	c) Inhalation of seasonal j		d) Low temperature	
517.	Intermediate host of Wuc		, ,	
	a) Female <i>Anopheles</i>	b) Female <i>Aedes</i>	c) Female <i>Culex</i>	d) None of these
518.	First line of defence include		.,	.,
	a) Skin	4	b) Mucous coating	
	c) Lysozyme secretion fro	om eves	d) All of the above	
519.		-	•	dies or antitoxin is injected
	-	s type of immunization is ca		,
	a) Active immunization	SI LOS LD G G	b) Passive immunisation	
	c) Innate immunity		d) Humoral immunity	
520.	The full form of SCID is			
	a) Secondary communical	ble Internal Disease	b) Secondary communica	ble Infectious Disease
	c) Severe Communicable		d) Severe Communicable	
521.	Which of the following is S		,	
	a) Cancer	b) Malaria	c) Pneumonia	d) Trichomoniasis
522.	Common symptoms of am	•		
	a) Constipation, stool with	n blood clots	b) Abdominal pain and cr	amp
	c) Weakness		d) All of the above	_
523.	Foetal abnormalities are o	caused by		
	a) LSD	b) Opium	c) Nicotine	d) Alcohol
524.	Activity of brain is record	ed by		•
	a) ECG	b) EEG	c) MET	d) CT
525.	MRI is not allowed in the	following conditions excep	t one. Identify the exception	n
	a) Presence of pace-make	r in the body		
	b) Pregnant women			
	c) Person suffering from s	stroke		
		ate in the body from treatm	nent of broken bones	
526.	Antibody			
	a) Induce formation of an	tigen	b) Helps in production of	WBCs

	c) Is formed by WBC		d) None of the above	
527	7. The AIDS virus spreads by decreasing			
	a) Killer T-cells	b) Helper T-cells	c) Suppressor T-cells	d) Carrier T-cells
528	. Which one of the followin	, .		w) don 11 or 1
0_0	a) Cancer	b) Syphilis	c) Diphtheria	d) Myocarditis
529		,	e) Dipitaleria	a) My ocal aleis
32)	9. Consider the following statements I. Cocaine interferes with the transport of the neurotransmitter dopamine			
	II. It is usually taken by sr		transmitter dopamme	
		-	l nervous system	
	III. It has a potential stimulating action on the central nervous system Which of the statements given above are correct?			
		b) I and III	a) II and III	d) I II and III
E20	a) I and II Which of the following die		c) II and III	d) I, II and III
550	. Which of the following dis			4) C-14
E24	a) Typhoid	b) Pneumonia	c) Malaria	d) Cold
531		-	cation in the cure of lepros	
	a) Rice bran oil	b) Neem seed oil	c) Cotton seed oil	d) Groundnut oil
532	. Incubation period of <i>Plas.</i>			
	a) 14 days	b) 30 days	c) 40 days	d) 32 days
533	. The antibody dependent of			
	a) Generalized anaphylax		b) Local anaphylaxis	
	c) Non-compatible blood	transfusion	d) Immune complex reaction	
534	The letter T in T-lymphoc	yte refers to		
	a) Thyroid	b) Thalamus	c) Tonsil	d) Thymus
535	. Which of the following pa	irs is correct?	P	
	a) <i>E. coli</i> - <i>Entamoeba</i>	histolytica	b) <i>Culex</i> - Elephantiasi	S
	c) Bed bug - Kala-azar		d) Plasmodium - sleepin	g sickness
536	. Which of the following ar	e symptoms of radiation di	sease?	
	a) Red and ulcered skin b) Nausea and loss of hair			
	c) Nausea and anaemia	JPLUS EDUC	d) Ulcered skin, anaemia,	
537	. Amniocentesis detects	DI LOS LE O		
	a) Deformity in brain	b) Deformity in heart	c) Hereditary diseases	d) All of these
538	. Removal or absence of th			,
	a) Lack of laymphocytes	,	b) Lack of antibodies	
	c) Lack of lymph nodes		d) All of these	
539	. Which of the following is	an oniate narcotic?	.,	
00)	a) Morphine	b) LSD	c) Amphetamines	d) Barbiturates
540	. Ultrasound is produced by	•	ej miipiietaiiiiles	a) Barbitarates
510	a) Lead bead	b) Lead zirconate	c) Lithium chloride	d) None of these
541	a) Lead Dead	b) Lead Life Offace		
371	The gland often referred i	•	0, 220000000	a) Hone of these
	. The gland often referred i	in relation to AIDS is		
E12	a) Adrenal	•	c) Thymus	d) Pituitary
542	a) Adrenal . LSD is derived from	in relation to AIDS is b) Thyroid	c) Thymus	d) Pituitary
	a) Adrenal . LSD is derived from a) <i>Claviceps purpurea</i>	in relation to AIDS is b) Thyroid b) <i>Pseudomonas putida</i>	c) Thymus c) Cannabis indica	
	a) AdrenalLSD is derived froma) Claviceps purpureaWhich among the following	in relation to AIDS is b) Thyroid b) <i>Pseudomonas putida</i>	c) Thymus c) Cannabis indica	d) Pituitary
	a) AdrenalLSD is derived froma) Claviceps purpureaWhich among the followinga) Rheumatoid arthritis	in relation to AIDS is b) Thyroid b) <i>Pseudomonas putida</i>	c) Thymus c) Cannabis indica	d) Pituitary
	 a) Adrenal LSD is derived from a) Claviceps purpurea Which among the following a) Rheumatoid arthritis b) AIDS 	in relation to AIDS is b) Thyroid b) <i>Pseudomonas putida</i>	c) Thymus c) Cannabis indica	d) Pituitary
	 a) Adrenal LSD is derived from a) Claviceps purpurea Which among the followin a) Rheumatoid arthritis b) AIDS c) Hepatitis-B 	in relation to AIDS is b) Thyroid b) <i>Pseudomonas putida</i>	c) Thymus c) Cannabis indica	d) Pituitary
543	 a) Adrenal LSD is derived from a) Claviceps purpurea Which among the followin a) Rheumatoid arthritis b) AIDS c) Hepatitis-B d) Swine flue 	in relation to AIDS is b) Thyroid b) <i>Pseudomonas putida</i> ng is an autoimmune diseas	c) Thymus c) Cannabis indica	d) Pituitary
543	 a) Adrenal LSD is derived from a) Claviceps purpurea Which among the following a) Rheumatoid arthritis b) AIDS c) Hepatitis-B d) Swine flue Which of the following distance 	in relation to AIDS is b) Thyroid b) <i>Pseudomonas putida</i> ng is an autoimmune diseas sorders is not hereditary?	c) Thymus c) <i>Cannabis indica</i> se?	d) Pituitary d) <i>Cannabis sativa</i>
543 544	 a) Adrenal LSD is derived from a) Claviceps purpurea Which among the followin a) Rheumatoid arthritis b) AIDS c) Hepatitis-B d) Swine flue 	in relation to AIDS is b) Thyroid b) <i>Pseudomonas putida</i> ng is an autoimmune diseas sorders is not hereditary? b) Cataract	c) Thymus c) Cannabis indica se? c) Sickle cell anaemia	d) Pituitary

	a) Mumps	b) Rabies	c) AIDS	d) Tuberculosis	
546.	Which of the following provides immunity to digestive tract against antigen?				
	a) IgA	b) IgD	c) IgG	d) IgE	
547.	The group of diseases carr	ied (transmitted) by insec	ts is		
	a) Typhoid, jaundice, tube	Typhoid, jaundice, tuberculosis b) Mumps, measles, smallpox			
	c) Scrabies, ringworm, swi		d) Malaria, filaria, yellow fever		
548.	Which one of the following		•		
	a) Rickets	b) Amoebiasis	c) Diabetes	d) Cancer	
549.	. Plasmodium completes its	=		,	
	a) One host	b) Two host	c) Multiple host	d) None of these	
550.	. 'Mammalian thymus' is ma	ninly concerned with	•	•	
	a) Regulation of body temp		b) Regulation of body grow	wth	
	c) Immunological function		d) Secretion of thyrotropia		
551.	Match the correct combina		,		
	a) <i>Leishamania donovani</i>	Sleeping sickness	b) Wuchereria bancrofit_	Filariasis	
	c) Amoeba proteus		d) <i>Anopheles maculipenn.</i>		
552.	Transmission of HIV occur				
	I. sexual contact with infected person				
	II. transfusion of contamin	•			
	III. sharing infected needle	ess			
	IV. from infected mother to		ta e e e e e e e e e e e e e e e e e e e		
	Which of the statements gi	iven above are correct?			
	a) I and II	b) I and III	c) II, III and IV	d) I, II, III and IV	
553.	Which of the following is a	viral disease?			
	a) TB	b) Diphtheria	c) Small pox	d) All of these	
554.	Cirrhosis is	1		•	
	a) Alcohol related disease	- colle	b) Smoke related disease		
	c) Junk food related disease d) Polluted air related disease				
555.	Identify the hepatitis virus	and the first test than the contract of the co	ependently and requires ar	nother hepatitis virus for	
	its multiplication.				
	a) Hepatitis-A virus	b) Hepatitis-B virus	c) Hepatitis-C virus	d) Hepatitis-D virus	
556.	Excessive dosage of cocain	ie causes			
	a) Hallucination		b) Respiratory disorders		
	c) Cardiovascular failure		d) All of these		
557.	The disease elephantiasis	is caused by			
	a) Protozoan	b) Bacteria	c) Virus	d) Worm	
558.	Which of the following cau	ises cancer of vagina?			
	a) Cadmium oxide	b) Diethyl stilbestrol	c) Aflatoxin	d) Vinyl chloride	
559.	Cyclosporin A, which is use	ed as an immunosuppressi	ve agent, is produced by		
	a) <i>Aspergillus</i>	b) Clostridium	c) Saccharomyces	d) <i>Trichoderma</i>	
560.	AIDS virus contains				
	a) RNA with protein		b) RNA with protein		
	c) DNA without protein		d) DNA only		
561.	In a g raph of population, o	on x-axis time and on y-axis	s population is plotted. A pa	arallal line to x-axis shows	
	a) Natality increases morta	ality decreases	b) Natality equal to morta	lity	
	c) Natality decreases mort	ality increases	d) Natality constant morta	ality increases	
562.	Antipoison against snake v	venom contains			
	a) Antigen		b) Antibody		
	c) Hormone		d) Enzyme substrate complex		

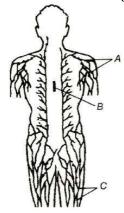
563. Whic	n one of the follow	ving is a bacterial dieases?		
a) Me	asles	b) Chicken pox	c) Rabies	d) Tuberculosis
564. When	e will you look for	the sporozoites of the mala	rial parasite?	
a) RB	a) RBCs of humans suffering from malaria b) Spleen of infected person		rson	
c) Sal	ivary glands of fre	eshly moulted female	d) Saliva of infected fem	nale <i>Anopheles</i> mosquito
An	<i>opheles</i> mosquito			
565. The l	mph nodes			
I. are	small solid structı	ares throughout the body		
II. filt	II. filter lymph fluid as it flows through them, trapping bacteria, viruses and other antigens, which are the destroyed by lymphocytes			
destr				
Whic	n of the statement	s given above is/are correc	t?	
a) On	-	b) Only II	c) I and II	d) None of these
	e immunity may b			
-	tural infection	b) Vaccines	c) Toxoids	d) All of these
		is used in analysis of metab		
	nography	b) CT-Scan	c) NMR	d) ECG
	eless tobacco caus			
-	al cancer	b) Lung cancer	c) Bronchitis	d) Heart disease
		-bite by antivenin is an exar	=	
•	ificially acquired	<u>-</u>	b) Artificially acquired լ	
	turally acquired p	assive immunity	d) Specific natural imm	unity
	s a measure of			
=	te of heart beat	di	b) Difference in electric	
=	lume of blood pun	Sec. 1.40	d) Ventricular contracti	on
		property is possessed by ca		
=	new blood vessels	formation	b) Uncontrolled cell div	
-	th (a) and (b)	Consume EDITE	d) Controlled cell division	
		ed for eradication of mosqu		
-	mbusia	b) <i>Anabas</i>	c) Rohu	d) <i>Catla catla</i>
	_	options is not appropriate f	or anxiety disorder?	
=	rspiration occurs			
-	storted thoughts			
-	-	rson reacts very strongly to	any situation of stress	
•	art beats increase	C C 1 ' '		
	ntermediate host o		-) II	1) Cl
a) Sn		b) Mosquito	c) Housefly	d) Sheep
		siveness, mood swings, dep		
_	-	st enlargement premature		=
	abolic steroids	b) Heroin	c) Marijuana	d) Morphine
	_	es leads to cancer?	1.) T	
-	-	ne(proto-oncogenes)	b) Tumour suppressor g	gene
=	mour virus gene	ing can halp in the diagnos	d) All of the above	
		ving can help in the diagnos		J) NIMD
a) EL		b) ABO blood group	c) PCR	d) NMR
	involved in immu	•	a) Thromboartes	d) All of those
-	ıkocytes ne for tuberculosi	b) Blood platelets	c) Thrombocytes	d) All of these
	ne for tuberculosi S vaccine	s is known as b) BCG vaccine	c) OPV	d) DPT
-		vpes of cancer including ca		uj Di i
JOU. JUIUK	ilig causes many i	vides di canicei including cai	icei oi	

a) Lungs b) Urinary bladder	c) Throat	d) All of these		
581. Which of the following disease is caused by protozoan and transmitted by mosquito?				
a) Pneumonia b) Malaria	c) Filariasis	d) Typhoid		
582. In India, the population control programme launche	ed in			
a) 1955 b) 1976	c) 1901	d) 1987		
583. Pathogenicity of bacteria causing tuberculosis and l	eprosy is due to	·		
a) Cholesterol b) Ergosterol	c) Prostaglandins	d) Wax-D		
584. Hela cells used in cell biology are	, 0	,		
a) Cancerous cells grown in cancer research laborate	torv			
b) Cervical cancer cell derivatives	J			
c) Both (a) and (b)				
d) None of the above				
585. <i>Plasmodium</i> , a small protozoan causes				
a) Malaria b) Filariasis	c) Amoebiasis	d) Typhoid		
586. A non-communicable disease is	-,) -) F		
a) Measles b) Rabies	c) Diphtheria	d) Diabetes		
587. Innate immunity is also called	e) Dipilolita	u) 21400000		
a) Familial b) Inborn	c) Genetic	d) All of these		
588. HIV affects in AIDS patients	ej dellette	a) in or these		
a) Cytotoxic cells b) Killer T-cells	c) Suppressor cell	d) Helper T-cell		
589. VCRC stands for	ej suppressor cen	a) Helper I cen		
a) Vaccine Creation Research Center	b) Vector Control Resear	ch Center		
c) Venum Control Research Center	d) Vital Chemical ReleaseC			
590. Quinine used for treatment of malarial fever, is extr		,		
a) Atropa belladona	b) <i>Cinchona officinalis</i>			
c) Aconitum napellus	d) <i>Rauwolffia serpentina</i>			
591. Which of the following is an example is an example of carcinoma?				
a) Melanoma cancer of skin	b) Cancer of lymph gland			
c) Cancer of muscle	d) Cancer of blood	•		
592. Which Ig is produced in primary immune response?				
a) IgA b) IgE	c) IgG	d) IgM		
593. Peyer's patches are found in	c) igu	a) igiii		
a) Liver b) Small intestine	c) Large intestine	d) Spleen		
594. The filariasis pathogens are transmitted to a health	, 0	· ·		
a) Female mosquito b) Housefly	c) Cockroach	d) None of these		
595. Biolistic technique is used in	c) cockroach	d) None of these		
a) Tissue culture process	b) Gene transfer process			
c) Hybridization process	d) Germplasm conservat	ion nrocess		
596. Which one of the following is protozoan disease?	u) dei ilipiasili colisei vat	ion process		
a) Polio b) AIDS	a) Taoniasis	d) Malaria		
597. Consider the following statements about AIDS.	c) Taeniasis	d) Malaria		
<u> </u>	rinuses and even namesites			
I. AIDS patient become easily infected by bacteria, v	=			
	II. The person is unable to protect himself against any infection III. National AIDS Control Organisation (NACO) and non-governmental organization are trying their best			
	non-governmentai organiz	ation are trying their best		
	to educate people about AIDS			
Which of the statements given above are correct?	a) II and III	9) 1 11 22 3 111		
a) I and II b) I and III				
598. A certain patient is suspected to be suffering from a	c) II and III	d) I, II and III		

a) MIRI	b) Ultra Sound	c) WIDAL	d) ELISA	
599. The causative ager	nt of mad-cow disease is a			
a) Bacterium	b) Prion	c) Worm	d) Virus	
600. Which one of the f	ollowing is not the property of car	ncerous cells?		
a) They do not req	uire extracellular growth factors	b) They do not rem formation	ain confined in the area of	
c) They show cont	act inhibition	d) They divide in a	n uncontrolled manner	
	cytes consider the following state			
	tes form Cell Mediated Immune Sy			
	II. The T-lymphocytes cells do not secrete antibodies but help the B-lymphocyte cell to produce them			
	ment given above is/are correct?	1 1	•	
a) Only I	b) Only II	c) I and II	d) None of these	
602. HIV was reported	-	,	,	
a) Pasteur	b) Mantagnier	c) Robert Hook	d) Hansen	
-	ve of growth, the alphabets indica	•	•	
	et specifies the event.	1	r	
C- Phase of dim D-Stationary ph b) A- Phase of rapi B- Phase of dim C- Stationary ph D- Phase of slov c) A- Diminishing B- exponential g C- Slow growth D- Stationary ph d) A- Stationary ph B- Phase of slov C- Phase of rapi	onential growth inishing growth asse d growth inishing growth nase v growth growth growth d growth d growth	ATION		
a) Roundworm	b) Flatworm	c) Tapeworm	d) Liverworm	
605. Which of the follow	wing helps in differentiation of ce	lls of the immune sys	etem	
a) Thymosin	b) Thyroxine	c) Cortisol	d) Steroid	
606. Common sympton	ns of typhoid are			
a) High fever and	weakness	b) Stomach pain an	d constipation	
c) Headache and l	oss of appetite	d) All of the above		
	m may at times reject certain tissi	ues of a person's own	n body as 'non-self'. This	
	breakdown of the body's self-recognition system is calledA The auto-immune reactions cause a variety			
	of diseases known as,B,C is an autoimmune disease. The most appropriate option providing A, B			
and C correctly is		-	- -	

- a) A-autoimmunity, B-autoimmune disease, C-rheumatoid arthritis
- b) A-immunodeficiency, B-immunodeficiency disease, C-AIDS
- c) A-severe combined immunodeficiency, B-congenital disease, C-Addison's disease
- d) A-autoimmunity, B-secondary immunodeficiency disease, C-diabetes
- 608. The word NACO stands for
 - a) National AIDS Control Organisation
 - b) Non-Governmental AIDS Control Organisation
 - c) National Agrochemical Organisation
 - d) Both (b) and (c)
- 609. Ringworm is caused by
 - a) Bacteria
- b) Virus

- c) Protozoa
- d) Fungi
- 610. Given below the diagrammatic representation of lymph nodes



Label A. B and C

- a) A-Lymph nodes, B-Thymus, C-Lymphatic vessels
- b) A-Lymphatic vessels, B-Thyroid, C-Lymph nodes
- c) A-Tonsils, B-Peyer's patchs, C-Lymphatic vessels
- d) A-Tonsils, B-Thymus, C-Peyer's patches
- 611. Consider the following four statements (I-IV) regarding kidney transplant and select the two correct ones out of these.
 - I .Even if a kidney transplant is proper the recipient may need to take immuno-suppressants for a long time.
 - II. The cell-mediated immune response is responsible for the graft rejection.
 - III. The B-lymphocytes are responsible for rejection of the graft.
 - IV. The acceptance or rejection of a kidney transplant depends on specific interferons.

The two correct statements are

- a) II and III
- b) III and IV
- c) I and III
- d) I and II
- 612. The rejection of organ transplanting in humans is prevented by using
 - a) Aspirin
- b) Cyclosporine
- c) Calcitionin
- d) Thrombin
- 613. Examination of blood of a person suspected of having anaemia, shows large, immature, nucleated erythrocytes without haemoglobin. Supplementing his diet with which of the following, is likely to alleviate his symptoms?
 - a) Thiamine

b) Folic acid and cobalamine

c) Riboflavin

d) Iron compounds

c) Both (a) and (b)

- 614. The inability to distinguish between self cells and non-self cells may lead to
 - a) Hypersensitivity

b) Immunodeficiency

c) Autoimmune disease

- d) Allergy
- 615. What is the most abundant and fastest chemical released by mast cell?
 - a) Histamine
- b) Serotonin
- d) Cytokine