A

23137 120 MINUTES

1.	Clas	s of carbohydrate which canr	ot be l	hydrolyzed further, is known as:	
	A)	Disaccharides	B)	Oligosaccharides	
	C)	Proteoglycan	D)	Monosaccharide	
2.	For a		ls, hov	v many possible sequences are there	e?
	A)	100^{20} B) 2^{100}		C) 100^2 D) 20^{100}	
3.	The	function of enzyme mitochor	ndrial a	aconitase in TCA cycle:	
	A)	Polymerization	B)	Degradation	
	C)	Assembly	D)	Isomerisation	
4.	The	first action spectrum based o	n phot	osynthesis was demonstrated using	
		bic bacterium illuminated winn. This experiment was done		erent components of light split by a	
	A)	Jan Ingenhousz	B)	T. W. Engelmann	
	C)	Julius Robert Mayer	D)	_	
5.				e urea cycle are contributed by:	
	A)	Ammonia and aspartic acid	d		
	B)	Nitrate and asparagine			
	C)	Nitrite and ammonia			
	D)	Ammonia only			
6.	A he	ereditary disease caused due t	o an e	rror in amino acid metabolism:	
	A)	Homocystinuria	B)	Albinism	
	C)	Phenyl ketonuria	D)	Branched-chain ketoaciduria	
7.	The	research on nerve cells was f	irst caı	rried out on:	
	A)	Drosophila melanogaster	B)	C. elegans	
	C)	Giant squid	D)	Octopus	
8.	The	local anaesthetic drugs such	as ami	des and esters act by the ion	
	chan	nnels.		•	
	A)	Inactivating	B)	Opening	
	C)	Closing	D)	Mutating	
9.	Fasc	ia, the thin casing of connect	ive tiss	sue that surrounds and holds every	
		_		nd muscle in place. What is it made	e of?
	A)	Collagen	B)	Keratin	
	C)	Microtubules	D)	Muscle fibres	

10.	Choose A) B) C) D)	se the statement which is not the A band is also know Light bands contain actin Myosin is parallel to the Anisotropic bands contain	n as the longitud	light band inal axis of myofibril
11.	The ra A) B) C) D)	ate determining step of Mi The complex formation so The complex dissociation The product formation st None of these	tep a step to	
12.		iosensor which of the follone signal from the sample Signal processor Detector	_	volves subtracting a 'reference' Amplifier Transducer
13.	corn s A) B)	<u> </u>		rge scale production of high fructose
14.	and the (where A)	-	under co	$\Delta G = T\Delta H/\Delta S$
15.		h material is the subject masse of patenting procedure? Microorganisms Nematodes		rered by the Budapest Treaty for the Fishes Birds
16.		is common to the technique preservation and (3) Tissue All are in situ conservation All are ex situ conservation All require ultra modern All are methods of conse	culture on metho on meth equipme	? ods ods ents and large area.
17.	Which A) C)	h among the following is p Water Carbon dioxide	oroduced B) D)	by Zero emission cars? Carbon monoxide Hydrogen and Oxygen

18.	Biol	ogical Oxygen	Dema	and (BO	D) is a	measu	re of:					
	A)	Amount of o	oxyger	require	ed by a	quatic	plants at nigh	ıt				
	B)	Industrial w	astes p	oured in	nto wa	ter bod	ies					
	C)	Extent to wl	hich w	ater is p	olluted	d with o	organic comp	ounds				
	D)	Amount of	Carbor	n monox	ide di	ssolved	in water.					
19.	Whi	ch of the follo	wing s	tatemen	ts is tr	ue for t	rickling filter	sludge'	?			
	A)		_				than activate	_				
	B)	It is bulky, v	with hi	gher slu	idge vo	olume i	ndex.	· ·				
	C)	It has a com	parativ	vely low	sludg	e volui	ne index					
	D)	It has a com	parativ	vely low	sludg	e solid	concentration	n.				
20.	Identify the wrong match from the following pairs:											
	A)	Detergents	-	Lipas	se							
	B)	Textile	-	Amyl	lase							
	C)	Alcohol	-	Nitro	genase	2						
	D)	Fruit juice	-	Pecti	nase							
21.	Und	er the PFA rul	es, Tor	ned milk	shoul	d conta	ainfat and	SN	NF.			
	A)	1.5 %, 9%	B)	2 %,	7 %	C)	3 %, 8.5 %	D)	4 %, 9.2 %			
22.	Wha	t is the role of	seque	strants i	n food	preser	vation?					
	A)											
	B)					like co	opper, iron etc	2				
	C)	Added for c	oloring	g food n	nateria	ls						
	D)	They keep to	he foo	d oxidiz	ed for	long ti	me					
23.	The	term mitochon	ıdria w	as coine	ed by:							
	A)	Altman			B)	deDuve						
	C)	Schleiden &	z Schw	an	D)	Carl	Benda					
24.	The	stain used to v	isualis	e chrom	osome	es:						
	A)	Methylene I	Blue		B)	Acet	ocarmine					
	C)	Grams Iodir	ne		D)	Mala	chite green					
25.	An e	example of Pri	mary a	ctive tra	nsport	t :						
	A)	$Na^{+}K^{+}ATP$	ase		B)	Na ⁺ -	H ⁺ exchange					
	C)	Cl ⁻ HCO ₃ e	xchang	ge	D)	Na ⁺	Ca ²⁺ exchang	e				
26.		asomes are ve and plasma m				us bodi	es mainly fou	ınd betv	veen the cell			
	A)	-	B)	Fungi		C)	Plants	D)	All of these			
	A)	Daciella	D)	1 ung	1	C)	1 mils	D)	An or these			
27.	-	junctions are a				C'	Ca1:.	D /	D			
	A)	Sperm	B)	Musc	ie	C)	Cardiac	D)	Brain			

28.	The o	enzyme that ca	atalyze	s the tra	nsposi	tion of	an IS elemen	t is calle	ed:	
	A)	Transposase	•		B)	Integ	rase			
	C)	Transcriptas	se		D)	Polyr	merase			
29.	Hybr	id dysgenesis	is caus	sed by w	hich o	of the fo	ollowing trans	posable	e element?	
	A)	LINE			B)	Non-	composite tra	nsposoi	n	
	C)	P-element			D)	Ac-el	ement			
30.	The	shape of a kin	etochoi	e:						
	A)	Disc-shaped	1		B)	Cylin	drical			
	C)	Spherical			D)	Trian	gular			
31.		ch of the followoter site?	wing e	nsure sta	ıble bi	nding o	of RNA polym	nerase a	t the	
	A)	DNA photo	lyase		B)	Sigm	a factor			
	C)	DNA glycos	-		D)	RecA				
32.	In th	e case of thym	ine dir	ner whic	ch type	e of ring	g compound i	s forme	ed:	
	A)	Cyclohexan	e		B)	Cyclo	butane			
	C)	Cyclopropa	ne		D)	Cyclo	heptane			
33.	The 1	oase which un	dergoe	s sponta	neous	damag	e under physi	ologica	l conditions:	
	A)	Thymine	B)	Cytos	ine	C)	Uracil	D)	Guanine	
34.	 Tr State Sign 	nge the follow ansport of sign art of signal tr gnaling cell sy nding of the s	nal to a ansduc nthesiz	target tion patl ze and re	hways elease	signaliı	ng molecules	the cor	rect order:	
	A)	2, 3, 4, 1	B)	3, 1, 4	l, 2	C)	1, 3, 4, 2	D)	1, 2, 3, 4	
35.	fixati						•			
	1.	Nitrogenase process.	media	ted nitro	ogen fi	xation	is an energeti	cally ex	pensive	
	2.	-	coding	Nitroge	enase i	is under	r a constitutiv	e promo	oter	
	3.	Nitrogenase						•		
	4.						nitrogenase is	s very lo	ow.	
	A)	1 & 2 only	B)	1& 3	only	C)	2 & 3 only	D)	2 & 4 only	

36.		the names of the protopla Amylase of Cellulase Lipase an Catalase a	st, in anin and phosp and tryps d dipeption	nal cell bholipas in lase	culture se					on to
37.		streptom; ampicilli		ible for chlora ampicill romyci	confer mphen in n	ring res icol			plast	
38.	If a n A) B) C) D)	nanufacturin Any drug "adulterat No action The comp It means t	manufacted" as will be bany will	tured by taken if be close	that countries the druged insta	ompany ugs are untly aft	will be on will will be on will b	considerec	l	
39.	Depa	ch one of the rtment of A griculture I 5.0 mg sta The plasn Complete Escherich	griculture Bioterrorise aphylococonid that ex- genetic co	e, Anim sm Protectal enter expresses to de for	al and ection erotoxi s the pr Epstei	Plant H Act ? n otective n barr v	ealth Inspection	pection Se	ervice es anth	under
40.	produ	t is the approace infection culosis? Fewer tha 1,000	n in half o				for Myco			i to
41.		prevention of g, abortion Positive e Reverse g	of defecti eugenics			nd gern Negat		rapy is kn		
42.		many possi with the control		_			_	_	digits	2,4

43.	The n	nultiplicative i $\frac{\frac{4}{25} + i\frac{3}{25}}{\frac{3}{25}}$	inverse B)	of the $\frac{4}{5} + i\frac{3}{5}$	comple	ex num	ber $4 - 3i$ is: $\frac{4}{25} - i\frac{3}{25}$	D)	$\frac{4}{5} - i\frac{3}{5}$
44.	multi	S.D of 30 item plying by 6 the	en, the	variano	3	e group	will be:		
	A)	3	B)	30		C)	100	D)	10
45.	Let A B, the A) B) C) D)	A is a subset B is a subset	of cor of A disjoin	npleme	nt of B	1		is not	a subset of
46.	The n	node of a Chi	Square B)	distrib 12	ution v	vith 6 d C)	egrees of free 4	dom is: D)	8
47.	In UN A)	NIX, which ch &	aracter B)	is knov &^	wn as a	root di C)	irectory?	D)	/
48.	Statement I: Intellectual property is a category of property that includes intangible creations of the human intellect. Statement II: IPR does not include trade secrets and moral rights.								
	A) B) C) D)	Both I & II a Both I & II a I is correct, t II is correct,	are inco out II is	orrect. s incorr					
49.	Whic	h of the follov	ving we	ere awa	ırded w	ith GI	tag?		
	1. 3.	Dharwad Ped Hyderabadi		n	2. 4.		athi Laddu al Rasagolla		
	A) C)	1 & 2 only 1 & 3 only			B) D)	2 & 4 1, 2, 3	•		
50.	Ident A)	tify the family Ras	of mor	nomerio Rho	c G-pro	otein w	hich regulates Ran	the gro	owth of the cell: Rab
51.	A) Ras B) Rho C) Ran D) Rab Which of the following could be coded by a tumor-supressor gene? A) A protein that helps prevent progression through cell cycle B) A protein that helps prevent apoptosis C) A protein that codes for transcription factor D) A protein that forms a growth factor in signalling pathway								

52.	Whic	h of the following about Rb	tumor	suppressor protein is correct?							
	A)	It binds E2F transcription	factor a	and prevents cell from entering S phase							
	ŕ	until a mitogenic signal is									
	B)	It is activated when phosph									
	C)	It is a transcription factor	101 1140	ou by cur							
	D)		receix	ved, it binds the transcription factor							
	D)	E2F and thus stimulates th									
		E21 and thus stillulates th	e cen u	o enter 5 phase							
53.	When	e are the parental genotypes	mantic	anad in a Dunnatt squara?							
55.		Left column and top row		Ceft column and right column							
	A)	±	,								
	C)	Top row and bottom row	D)	Right column and bottom row							
54.	In Dr	osophila males there is comp	olete lii	nkage. What is the reason behind this?							
	A)	The genes are very closely	locate	d							
	B)	Coupling theory									
	Ć)	Lack synapsis									
	D)	Unknown reason									
<i></i>	т	C 1 1 . 1 . 4	• 1 .								
55.		_		in with his- leu+ bacterial strain we							
		-	es as pr	ototroph for these two genes. This is							
	becau										
	A)			id and giving it to the other type							
	B)	They fuse to form similar of									
	C)		enetic c	composition at the end by means of							
		conjugation									
	D)	They share the RNA by ex	tracellı	ılar processes							
56.	Whic	h of the following is incorre	ect rega	arding the terminologies of							
	phylogenetics?										
	A)	_	e two a	adjacent branches join is called a node							
	B)	Node represents an inferre		· ·							
	C)	-		ig lost species or sequences							
	D)	The lines in the tree are cal		-							
57.	is	a catalyst.									
	A)	Molecular clock	B)	Ribozyme							
	C)	Polysome	D)	Lysozyme							
58.	Whic	h of the following has the se	lf_rena	iring mechanisms?							
50.	A)	DNA and RNA	н тера В)	DNA, RNA and protein							
	C)		D)	DNA and proteins							
	C)	Only DNA	D)	DNA and proteins							
59.	The n	uclease enzyme in E.coli tha	at initia	ates the repair of double stranded DNA							
	breaks by homologous recombination:										
	A)	DNA glycosylase	B)	DNA ligase							
	Ć)	DNA polymerase	Ď)	MutH,-MutL-MutS							
	,	1 2	,	,							

60.	The p	ohase of cell c	ycle in	which t	itre of	Cdk2/	cyclinE is high	gh	
	A)	G ₂ /M transi	tion		B)	G_2		_	
	C)	M			D)	G_1/S	transition		
61.		viruses were c um containing		-		Iershey	and Martha	Chase o	n a
	A)	Potassium (-		B)	Uran	ium (U)		
	C)	Phosphorou	s (P)		D)	Nitro	gen (N)		
62.	Franl	din Conrat de	monstr	ated tha	t RNA	is the	genetic mate	erial in:	
	A)	TMV	B)	CMV		B)	HIV	D)	AMV
63.		olecule of amy every 40 resid	-			_			ranched
	A)	0	B)	1		C)	2	D)	5
64.	stater A) B) C)	Enzymes su produce ligh	tained to the control of the control	from fir ires pro eta-gala	e flies vision actosid	only of subs ase req	strate which j uires substra	produce: te X-glu	s light
	D)	Lucifearse g	genes a	re prefe	rred ov	ver fluc	prescent prote	eins	
65.		etimes success in ordered coll led:				_	•	•	
	A)	Chromosom	ne jump	ing	B)	Chro	mosome sort	ing	
	C)	Chromosom	ne walk	ing	D)	Trans	sposon taggii	ng	
66.		ve transcription	n of GA	AL1 and	I GAL	10 proi	noters is sup	pressed	in the
	A)	glucose	B)	galact	ose	C)	maltose	D)	fructose
67.	The pA)	polymerase us Deep vent F Taq polyme	R polym		ed mut B) D)	pfu p	is: olymerase dependent F	RNA pol	ymerase
68.	What A) B) C) D)	The site of s The site of s Formation of The site of s	strand b neterod of a cros	oreak uplex D ssing ov	er con		n		

69.	If log	$y_4(\frac{1}{4}) = x$, the	en x is:						
	A)	•	B)	2		C)	-2	D)	0
70.	Whic	h one is a hun	nan am	nion dei	rived c	ell line	e?		
	A)	HeLa	B)	WISH	[C)	L	D)	MRC-5
71.		h of the follownalian cells in Transformed The cells the Trypsin is as HEPES is g	vitro? I cell li at are of dded to	nes need btained cell cul	d an ex directl lture di	xogeno y from ish to r	ous supply on an organismaintain ce	of serum fo sm is prima ll viability	or growth ary culture and health
72.	ŕ	e statements a RAPD is a c RFLP is mo Species spec Radioactive	regardin juick m re relia cific pri	ng RFL ethod co ble than imers ar	P and lompar RAPI e requi	RAPD ed to F O ired fo	are true ex RFLP r RAPD		cuiu
73.		h among the factorial value of the factorial After the factorial At the time of Any time can	when D sion of usion o of fusic	NA is n male an f male a on of ma	nicroind femand	jected ale pro nale pr femal	to fertilize nuclei onuclei e pronuclei	d egg?	of
74.	In pla A) B) C) D)	Induce cultu Induce cell of Stimulate pr Induce the for Induce some	divisior oduction ormation	n and ca on of sec on of so	llus for condar matic e	rmatio y meta	n bolites	tors?	
75.		ng recombinar alactosidase c cyanogen br carboxy pep	an be r omide	•		ing:	otrypsin	nsulin pol	ypeptide
76.	virus	om II, the firs is a transgeni g for Antiviral pro Virus coat p	ic squas	sh varie		mercia Si Ri	alised in 19	95. It carri	

77.		G-protein coupled rece orotein opsin and	ptor Rhodos	spin is composed of a transmembrane
	A)	11-cis-retinal	B)	10-cis-retinal
	C)		D)	
78.			-	used in NMR to promote resonance is:
	A)	Microwave	B)	Radio frequency
	C)	Infrared	D)	UV-rays
79.	The	unit of absorbance whi	ch can be de	erived from Beer Lambert's law:
	A)	L mol ⁻¹ cm ⁻¹	B)	L gm ⁻¹ cm ⁻¹
	C)	cm	D)	No unit
80		nelles in the cell extrac Rate-zonal centrifug Differential centrifug	t: ation gation trifugation	separate mitochondria from other
81.	The A) B) C) D)	half life of a radio isoto Half the time taken f Half the time taken f Time taken for comp Time taken for half t	or complete for half the dolete decay	
82.		part of the compound n rays on the specimen t	-	which helps in gathering and focusing:
	A)	Condenser lens	B)	
	C)	Objective lens	D)	
83.	The	respiratory chain of bac	etaria is asso	original with the
05.	A)	Mesosome	B)	Cell wall
	C)	Cytoplasm	D)	Mitochondrial membrane
	٠,	C) 10 p 140 111	2)	172100 01 10 11 0 110 110 110 110 110 110 110 110 110 11
84.		ysolaminarin is the rese		
	A)	Bacillariophyta	B)	Rhodophyta
	C)	Chlorophyta	D)	Phaeophyta
85.	Whi	ich of the following is a	a family of b	acteriophage lambda?
	A)	Siphoviridae	B)	Corticoviridae
	C)	Microviridae	D)	Pedoviridae
	- /		- /	

86.	What is the mechanism of action of Polymyxins for inhibiting the growth of the microbes?										
	A)	Inhibition of	cell-wa	all synthesis							
	B)	1 0 .		mic membran							
	C)			ic acid and pro	•	nthesis					
	D)	Inhibition of	specifi	ic catalytic enz	zymes						
87.		rincipal functi lex S proteins		Class I and Cla	ass II M	lajor Histocor	npatibil	lity			
	A)	Mediate Imn	nunoglo	obulin class sv	vitchin	g					
	B) Stimulate the production of interleukinsC) Transduce the signal into T-cell following antigen binding										
	C)		_			0	_				
	D)	Present antig	gen for	recognition by	T-cell	antigen recep	otor				
88.				a major focus cyte transplan			sue engi	ineering			
	A)	Cartilage	B)	Bone	C) `	Skin	D)	Stem Cells			
89.		the part of pr nized by T-cel Immunoglob Epitope	lls:	d antigen that B) D)	binds to Agret Chape	ope	olecule	and			
	-,	_rr		_ /	- III						
90.	Identi A)	•	genera B)	tion thrombol Alteplase	-	•	llowing D)	drugs: Tenecteplase			
91.				used in Radio							
	A)	Tritium	B)	Carbon 14	C)	Iodine 125	D)	All of these			
92.	Which cytop		ving do	not incorpora	ite in th	ne genome and	l replica	ates in the			
	A)	Poxvirus	B)	Baculovirus	C)	Adenovirus	D)	Retrovirus			
93.	Which A)	n of the follow Probiotics	ving is	not considered B)		unctional food ry Fibre	1?				
	C)	Pharmaceuti	cals	D)		ga 3 PUFA					
	<i>U</i>)	1 marmacouri	Cuis	2)	311102	,4 5 1 0111					
94.	Identi 1.	fy the non ess Threonine		aminoacids wh ptophan		n be synthesise cosine		e body tamine			
	A)	1 & 2 only	B)	2 & 3 only	C)	3 & 4 only	D)	4 only			

95.	insuli vecto	akura and coll in chains A ors and peptide e insulin in the	and B. e chain	these y	were i	incorp	orated in two	separ	ate pBR322	
	A)	1972	B)	1975		C)	1977	D)	1980	
96.		ous measures t genic organisr				isks to	normal organ	isms fr	om	
	A) .	Biosafety	B)	Patent		C)	Bio-patent	D)	Bio-piracy	
97.	endo	cleaving the s	- .					y the ty	pe II	
	A)	The ends cre		•	_					
	B)	The ends cro		•				atuan da	. al	
	C) D)			_			ey are double is double straı		ea	
98.	Choo	se the correct	statem	ent for th	he infe	ectious	particle of lar	nbda pl	hage.	
	A)	It is a single					•	1		
	B)	It is a circul								
	C)	The ends are			•	,	•			
	D)	The ends are	e create	ed by cle	avage	at cos	sites during p	hage pa	ackaging	
99.	What	do you mean	by Ext	racorpoi	real m	edical	procedure in t	issue e	ngineering?	
	A)	Outer layer	of the t	issue	B)	Outsi	ide of the bod	y		
	C)	Inner layer of	of the ti	issue	D)	Insid	e of the body			
100.	The v	various steps f	or cons	struction	of lib	raries a	are			
		agmentation o	f DNA				of genomic D			
		mplification			4. Li	gation	and introduct	ion into	the host	
		ector preparat		4:	£ 1:1		. 41	-44-	4 :	
	The C	correct order o	or const	ruction (oi iibra	aries ir	the order of s	start to	end is:	
	A)	1, 2, 3, 5, 4	B)	2, 1, 5,	, 4, 3	C)	2, 5, 4, 1, 3	D)	5, 2, 1, 3, 4	
101.	Choo	se the incorr e	ect state	ement fo	r oligo	o-dT c	ellulose:			
	A)				_			m other	r species of RNA	
	B)		_	_	-	-	solid support v		_	
	C)	A solution c	ontaini	ing RNA	is pas	ssed th	rough the colu	ımn		
	D)	Poly A tail a	ittaches	s to the o	oligo-d	T by i	onic bonds			
102.	The c	chromosomal	alterati	on which	1 caus	es retir	noblastoma:			
	A)	Deletion in								
	B) Translocation between chromosome 9 and 22									
	C)	Deletion in				_				
	D)	Translocation	n betw	een chro	omoso	me 8 a	nd 21			

103.	Name A)	Radon	B)	ogen w. Arsen		uses pr C)	Cadmium		Asbestos		
104.	In Myasthenia gravis, a long term neuromuscular junction disease,autoantibodies are positive.										
	A)	<u>*</u>			B)	Autochemoreceptor					
	C)					<u>*</u>					
105.	The first recombinant vaccine approved for human use targeted the surface antigen of:										
	A)				B)	Ebola virus					
	C)	DENV1			D)		titis B virus				
						-					
106.	1 11										
	A)	, ,			,						
	C)	Piezo-electric biosensor			D)	Silicone biosensor					
107.	deNovo pathway for nucleotide biosynthesis:										
	A)				B)	Opium Hypoxanthine					
	C)	Aminopterin	1		D)	пуро	xanunne				
108.	The mA)	nost commonl Imdevimab	-		lonal aı vimab	_		t of bro	east cancer: Herceptin		
109.	In the two compartment model of pharmacokinetic analysis, name the organ that make up the peripheral compartment:										
	A)	Kidneys	B)	Liver		C)	Lungs	D)	Pancreas		
110.	Which of these absorption methods involves engulfing of the extracellular drug?										
	A)				B)	Passive diffusion					
	C)	Facilitated diffusion			D)	Ion-Pair transport					
111	Whiat	h of the follow	vina is	tha ma	at aams		mistion in the	human	anoma?		
111.	A)					nmon variation in the human genome? Nucleotide base insertion					
	C)	Premature stop codon			B) D)	Single nucleotide polymorphisms					
	2, 2 remains step essent 2, single nacional porjinorphisms										
112.	CYP2	D6 polymorp	hism c	an affec	ct:						
	A)	Drug interaction potential			B)	Drug delivery					
	C)) Toxicity			D)	Drug absorption					
112	Thad	ma which ic -	not ala	aaifiad :	n tha a	nitania 1	hagad on the	ah amma a	vaologiaal affaat		
113.	•				n me c	eriteria based on the pharmacological effect					
	A) C)	Anumstammes Analgesics				Antiseptics Antipyretics					
	\sim $^{\prime}$	margonica			D)	A MILLIO	VI CHOS				

114.	ADME in pharmacokinetics means:											
	A) Affinity, dosage, marketing, efficacy											
	B)	Agonism, dependence, mobility, efficiency										
	C)											
	D)											
	,	1		•								
115.	The term used to signify a preparation that appears identical to the preparation											
	of an	of an active drug but which has no biological activity:										
	A)	Dummy drug	g B)	Placebo	C)	Peptidomem	etic	D)	Gazebo			
116	Which of the following is one of the rules in Lininghila rule of five?											
116.	A)	Which of the following is one of the rules in Lipinski's rule of five?										
	B)	A molecular weight equal to 500										
	C)	, , , , , , , , , , , , , , , , , , , ,										
	D)		•	_		groups						
	D) A calculated logP value less than +5											
117.	Which of the following statements best describes an induced fit?											
	A)	<u> </u>										
	,	accept a drug										
	B)	The process by which a drug adopts the correct binding conformation										
	,	before entering a binding site										
	C)	The process by which binding of a drug to a binding site alters the shape										
		of the binding site										
	D)	<u> </u>										
	binding conformation before binding											
118.		he next numb		-								
	A)	91	B)	85	C)	80	D)	65				
119.	The m	nicroorganism	usad fo	or the produ	action of	recombinant h	m.i.1	in by				
11).	The microorganism used for the production of recombinant humulin by Sanofi and Eli Lilly:											
	A)	Entamoeba l		ica B)	Fsch	erichia coli						
	C)	Clostridium		,		erienia con domonas aeru	oinos	a				
	C)	Ciosiriainin	Dutyric	um D)	1 scu	aomonas aera,	ginos	A				
120.	Which among the following drugs inhibit platelet aggregation by inhibiting the											
	enzyme cycloxygenase and formation of thromboxane A2?											
	A)	Aspirin	B)	Abciximal		Clopidogrel	D)	Warf	arin			
		_										