ZOOLOGY

(Original Solved Question Paper)

15635

120 MINUTES

1.	The or A) B) C) D)	rigin of heart be AVN - Bundle Network of Pu AVN - SAN - SAN - AVN -	e of His – urkinje fib - Bundle o	SAN - Ne ers – AVI f His - Ne	etwork of N – SAN etwork of	Purkinje fil - Bundle of Purkinje fil	ers His bers	Ans. (D
2.	Puffs A) C)	of salivary gland Protein synthe RNA synthesi	esis	somes are B) D)	DNA	or synthesis cation of D	NA	Ans. C
3.		examples of sub olism are in the 1,3 bisphosph Glucose-6 pho 3 phosphoglyo 1, 3 diphospho	reactions oglycerate osphate and ceraldehyd	of and phos d Fructo- le and pho	phoenol p 6-phospha psphoenol	pyruvate ate lpyruvate	way of gluc	ose Ans. A
4.	with c	man who marrie systic fibrosis be mother, died of 1/8	ecause her cystic fibr	grandmo	ther, who	is also her	husband's	1/120 Ans. B
5.	The ty	pe of placenta i	in primate:	s is				Alis. D
	A) C)	Diffuse Cotyledonary		B) D)	Zonar Disco	•		Ans. D
6.		n of the followir ing in cells of th STAT CREB			ne system		in inflamm	natory Ans.B
7.	Phosn	holipid with che	oline as ni	trogen gra	oun is cal	led		111012
	A) C)	Cutin Lignin		B) D)	Lecitl Suber	hin		Ans. B
8.	Which A) C)	of the followir Stratum lucido Stratum spino	um	the outer B) D)	Stratu	of the sking am corneum am granulos	1	eells?
9.	A) B) C)	ormal woman m All their child All their sons All the childre	ren will be will be co en will be	e colourbl lorblind b normal	ind ut the dau			
	D) All daughters will be colourblind and sons will be normal							

10.		he help of isotopes, Hershey as c material is DNA, identify the P^{32} and S^{35} P^{35} and S^{30}			? d S ³²	iophage, the	Ans. A
11.	Regula A) C)	atory T lymphocytes are chara CD 4 CD 8 CD 4 CD 25	cterized B) D)	CD 4	ssession of sur CD 28 CD 40	face marker	
12	,		,			dia a ava anio	Ans. C
12.		atistical test involved to verify Mendelian ratio:	wheth	er the re	suns in a oree	unig experii	nent
	A)	ANOVA	B)	t-test			4 D
	C)	Regression analysis	D)	Chi-sc	quare		Ans. D
13.	What	is the specificity of the Clostri	pain pro	otease?			
	A)	It cleave after Arg. residues	,			esidues	
	C)	It cleave after Lys. residues	D)	None	of the above		Ans. A
14.	_	ene for green fluorescent prote oned from:	ein (GFI	P), a cor	nmonly used r	eporter gene	e,
	A)	Vibrio cholera	B)		rea victoria		
	C)	Susdomesticus	D)	Danio	rerio		Ans. B
15.	Otolitl	hs are made of					
	A)	Calcium carbonate	B)	Phosp			
	C)	Both A and B	D)	None	of these		Ans. A
16.	Immu	noglobulin not present in hum	an colo	strums			
	A)	IgG B) IgA		C)	IgM	D) Ig	E
17.	An on	dooring aland with oatodormal	l and m	aa da r n	nal ariain?		Ans. D
1 /.	An end	docrine gland with ectodermal Adrenal	B)	esouern Epiph			
	C)	Hypophysis	D)	Thyro	-		Ans. A
1.0	ъ .		1 1/ :	,			
18.	A)	ratory system of majority of ac Gills	lult inse B)		sists of hial apparatus		
	C)	Tracheal system	D)	Book	* *		Ans. C
		•	,				
19.		progeny of dihybrid cross, the ogous for both factor pairs will		ed geno	typic proportion	on of individ	luals,
	A)	1/16 B) 2/16	11 00	C)	3/16	D) 6/	16
)			-)	2, 2	_, .,	Ans.B
20.	Hamburger phenomenon is associated with						1 1
	A) C)	Transportation of oxygen Transportation of hormones		B) D)	Transportation None of the a		aloxide
	Cj	Transportation of normones		ט)	THORIC OF THE A	100 VC	Ans.B
							1110011

21.	FAD participated as the hydrogen acceptor in Krebs cycle during the conversion of									
	A)	Succinyl co-			eid					
	B) C)	Fumaric acid Succinic acid			d					
	D)	Iso-citric aci							\boldsymbol{A}	ns. C
22.	Whiel	h GTPase regu	ılates in	tracellul	ar trans	port in	mammalian	cell throug	h	
	A)	Rab	B)	Ran		C)	Ras	D)	Rho	Ans. A
23.	Grow	th due to the a	ctivity o	of reserv	e cells i	İS				
	A)	Accretionary		h	B)		plicative gr			
	C)	Auxentic gro	owth		D)	Expo	nential grov	vth		Ans. A
24.	In wh	ich microscop	ic techn	iaue use	out-of-	-phase 1	ight waves	to produce		
		ences in contra							ose	
	togeth	together, which create even more contrast, especially at the edge of the structures								
	A)	,								
	B)									
	C) D)	Phase contra Differential			tract mi	ioroscoi	21/			Ans. D
	D)	Differential	iiitei iei	ence con	ıttası III	icroscoj	рy			
25.	Nerve	cells of retina	a are							
	A)	Bipolar			B)	Multi	polar			
	C)	Unipolar			D)	Apola	ar			Ans. A
26	The 1	staat and maat	affaativ	, , tl , , , , , , ,	vy fom A	IDC mod	ianta in alva	aa aaidatlar		
26.	The latest and most effective therapy for AIDS patients includes azidothymidine (AZT), dideoxyinosine (DDI), and saquinavir or similar agents. Use of these three								a	
	drugs would inhibit which of the following viral processes?								9	
	A)	RNase, DNa			8	, w- p				
	B)	gp 120 form								
	C)	p 24 antibod								
	D)	Reverse tran	iscriptas	se, protea	ase					Ans. A
27.	In me	landrium the s	sex dete	rminatio	n tvne i	· c				
21.	A)	XX – XY ty		iiiiiidtio	B)		XO type			
	C)	ZZ - ZW ty	-		D)		XO type			Ans. D
			_							
28.		per of mitotic of		-	ed to pro		_	_ ~		
	A)	7	B)	14		C)	8	D)	16	Ans. A
29.	In hea	In heavy smokers the alveoli of the lungs are enlarged and damaged which								12,000
<i>4)</i> .		-			_		-	-		
	reduces the surface area for the exchange of respiratory gases. This condition is called									
	A)	Silicosis			B)	Empl	nysema			
	C)	Anosmia			D)	Brone	chitis			Ans. A

30.	The assemblage of all the populations of different species that function as an integrative unit									
	A) C)	Population Biome	B) D)	Species Biotic community	Ans. B					
31.	Mark	k the hormone, not produce	ed, but relea	ased through pars nervosa						
	A)	ACTH	B)	LH						
	C)	ADH	D)	LTH	Ans. C					
32.	Amp	oulle of Lorenzini are the tl	nermorecep	tors found in						
	A) 1	Fishes	B) 1	Amphibians						
	C)	Reptiles	D)	Birds	Ans. A					
33.	A liv A) B) C) D)	-	tter and ene ergy and ma ergy is grea	rgy exceeds that of output tter equals that of output tter than that of input						
	D)	The face of input of the	igy is great	or than that or output	Ans. B					
34.		The small part of chromosome arm beyond secondary constriction is called								
	A)	Kinetochore	B)	Satellite						
	C)	Centromere	D)	Telomere	Ans. B					
35.		n-negative and gram-posit wing structures?	ive bacteria	possess which one of the						
	A)	Peptidoglycan	B)	Matrix protein						
	C)	Pili	D)	Flagella	Ans. A					
36.	Human respiration follows									
	A)	Boyle's law	B)	Beer's law						
	C)	Allan's law	D)	Charles law	Ans. A					
37.	A) B)	An extra 18th chromoso	chromosomo ome	2						
	C) D)	An extra 21st chromoso		hromosome in an individual	Ans. A					
38.		e are specialized fat body etory waste	cells which	store Potassium-urate and uri	c acid as					
	A)	Calloblast cells	B)	Trichogen cells						
	C)	Peptic cells	D)	Urate cells	Ans. D					
39.	T/t g		-	a population of 500 individua vill be present in that population						
	A)	-	000	C) 400 D)	1200 Ans. A					
40.	Tend	lons connect								
	A)	Bone to bone	B)	Bone to muscle						
	C)	Muscle to muscle	D)	Muscle to nerve	Ama D					

41.	blood	insulin gene located of sugar in the blood a ne expression is regula Constitutive genes Inducible genes	and other org ated by on-c E	gans w	ill be ditches a	levastated vand such ge keeping ge	within a sh nes are ca	ort time,	Ans. C
42.	Amor A) B)	ng the following which No natural selection Random mating		issumj	otion of	Hardy-Wo	einberg ru	le?	
	C) D)	Small population size No mutation	ze						Ans. C
43.		ubstitution of valine f emoglobin causes wh Increased electroph Increased solubility Decreased polymer Unchanged primary	ich of the for oretic mobile of deoxyhetization of de	ollowing the state of the state	ng? pH 7.0 obin		o β chains	in sickle	Ans. A
44.	A11 o1	the following are tru	e of antigen	EXC	ЕРТ				
11.	A) C)	They contain parato	es E	B) D)	They c	ontain anti an elicit in			Ans. C
45.	Holar A) C)	Autosomes Y chromosomes	Е	B) O)		mosomes	e		Ans. C
46.	micro	vsis of a patient's stoo scopic examination sl s patient's stool is Enterobius vermicu	hows these	to be p	oroglott		ost likely		
	C)	Necator americanu.)))		saginata	ues		Ans. D
47.	How an ho	many bacteria are pro ur?	duced in fo	ur hou	rs if a l	oacterium o	livides one	ce in half	
	A)	8 B)	64		C)	128	D)	256	Ans. D
48.		warf pea plant was tre If it is crossed with a e	_			-	-		
	A) C)	All dwarf 75% tall and 25% d		3)))	50% ta	all and 50%	dwarf		
49.	A geo	graphically localized epresents a					nd at a par	ticular	Ans. D
	A)	Tribe		3)	Specie				
	C)	Community	Γ))	Popula	tion			Ans. D

50.	In normal human males, the male determining genes on the Y chromosomes which organizes the developing gonad into a testis instead of ovary A) DDS B) SRVX								
	C)	SRY	D)	None of the above	Ans. C				
51.	When	the body cavity arises from the	ne arche	enteron of embryo, the cavity is termed					
	A)	Coelom	B)	Pseudocoelom					
	C)	Haemocoel	D)	Blastocoels	Ans. C				
52.	Which	h of the following is a vertebra	ite orga	nism?					
	A)	Cuttle fish	B)	Cray fish					
	C)	Globe fish	D)	Devil fish	Ans. C				
53.		Certain species of birds shows variation in beak size only when they are sympatric. This is an example of							
	A)	Character displacement	B)	Natural selection					
	C)	Ecological variance	D)	Mutation	Ans. A				
54.		mans, Philadelphia chromoson	ne resul	its from the reciprocal translocation					
	A)	10 and 20	B)	9 and 20					
	C)	9 and 22	D)	3 and 11	Ans. C				
55.	best d	escribes haptens?	ll prote	in. Which of the following statements					
	A)	Haptens activate T cells							
	B) Penicillin is a hapten								
	C) Haptens do not react with specific antibodyD) Haptens bind the major histocompatibility complex (MHC)								
56.	Viral	disease Trachoma is related w	ith						
50.	A)	Eyes	B)	Skin					
	C)	Liver	D)	Muscle	Ans. A				
					Alis. A				
57.		itance of Poky in Neurospora							
	A)	Plastid inheritance	B)	Infective inheritance					
	C)	Plasmid inheritance	D)	Mitochondrial inheritance	Ans. D				
58.		s disease is due to the faulty w	_						
	A)	Pituitary gland	B)	Adrenal gland					
	C)	Gonads	D)	Thyroid gland	Ans. D				
59.	In clinical trials, control groups of individuals who receive a safe but noneffective								
	treatment instead of the drug being studied are being given:								
	A)	A double-blind trial A placebo	B)	Stem cells None of these					
	C)	A placebo	D)	THORE OF THESE	Ans C				

60.	Eggs of Branchiostoma come under which classification of egg based on the amount of yolk?								
	A)	Microlecithal egg	B)	Mesolecithal egg					
	C)	Megalecithal egg	D)	None of the above	Ans. A				
61.	Whic	ch of the following is first of	digested in	the stomach?					
	A)	Carbohydrate	B)	Fat					
	C)	Protein	D)	Nucleic acid	Ans. C				
62.	_	ile X-associated mental ret		ndrome					
	A)	Is transmitted from father							
	B) Affects females and males equally								
	C)								
	D)	Involves a nonrepetitive	segment o	f DNA	Ans.C				
63.		Which of the following is common to blood plasma and serum?							
	A)	Plasma protein	B)	Water					
	C)	Calcium ions	D)	Fibrinogen and platelets	Ans. B				
64.	When two or more subliminal stimulus are given to a muscle fibre in quick								
		ession the muscle fibre con							
	A)	Tetanus	B)	Summation	Ans. B				
	C)	Tonus	D)	Tension	11,,,,,				
65.	Which aspect of mitosis is affected by colchicine in inducing polyploidy?								
	A)	DNA duplication	B)	Chromosome doubling					
	C)	Spindle formation	D)	Formation of cell plate	Ans. C				
66.	Gera	niol is secreted from							
	A)	Queen honey bee	B)	Worker bee					
	C)	Termite	D)	Male honey bee	Ans. B				
67.	Poly	tene chromosomes in saliva	ary glands (of Drosophila are formed as a result of					
	i	Endoduplication		•					
	11	Duplication without sep							
	iii	Replication of DNA wit							
	A)	i & ii only	B)	i & iii only	Ans. D				
	C)	ii & iii only	D)	i, ii & iii	1110.2				
68.	All o			f the extinction vortex except:					
	A)	Populations of the speci							
	B)	It is a concept develope population approach."	ed by conse	rvation biologists who adopt the "small					
	c) The genetic variation of the species' population decreases.								
	D)	_	-	on vortex is intraspecific competition.	Ans. D				
69.	The 1	principal site of peptide ne	urohormon	e biosynthesis is					
- •	A)	Nucleus	B)	Rough ER					
	C)	Dendrite	D)		4 P				
			/	Rough ER Post synaptic density	Anc B				

70.	Which is an esterolytic enzyme that hydrolyzes glycerophospholipids at the sn-2 position of the glycerol back bone?										
	positi A)	PLA2	bone? B)	ADH							
	C)	Estrogen	Б) D)	Hyaluronidase							
	C)	Estrogen	D)	Tryaturomasc			Ans. A				
71.	In cas	se of lac operon when di	saccharide er	iters the cell:							
	A)	it binds to the bound-r			structural	genes are					
		transcribed because th	e RNA polyr	nerase can recognize	and bind	the					
		transcription initiation									
	B)	it binds to the represso		_							
		repressor has an altere operator.	ed conformati	on, is inactivated and	d does not	t bind the					
	C)	the membrane protein can recognize the tran			e RNA po	olymerase					
	D) the membrane protein has an altered conformation and does not interact										
		with the operator, thus	s leading to the	ne transcription of th	e structura	al genes	Ans. B				
70	.	2 1 2 111	1	1 1 11 2 2 11 1 11		1 0					
72.		family of seven children	-	•	_	-					
	A)	1/128 B)	7/128	C) 35/128	D)	21/128	Ans. A				
73.	Abor	it a fully turgid cell whic	h among the	following statement	is correct	9					
75.	A)	D.P.D is maximum	ir uniong the	iono wing statement	15 0011001	•					
	B)	D.P.D will be equal	to O.P								
	C)	Osmotic pressure equa		of Turgor pressure			4 0				
	Ď)	Osmotic pressure is m					Ans. C				
	Cilcianaltana de de mitt										
74.	Silviculture deals with										
	A)	Multiplication of silk									
	B) C)	Extraction of silver from Cultivation of forest to									
	D)	Study of social forestr					Ans. C				
	D)	Study of social foresti	У								
75.	The r	The moult inhibiting hormone in insects is produced by									
	A)										
	B)	Corpora cardiac									
	C)	Corpora allata									
	D)	Prothorasic gland									
	G1						Ans. C				
76.		nerular filtrate becomes i									
	(A)	Proximal convolution	B)	Distal convolution	1						
	C)	Ascending limb	D)	Descending limb			Ans. B				
77.	Vami	oire bat regurgitates food	l in order to f	eed a starving memb	er of thei	r grann	Ans. B				
, , ,		is an example of	, m order to 1	coa a star ving monit	, ci oi tiicii	group.					
	A)	Group selection	B)	Reciprocal altruis	m						
	C)	Selfish behavior	D)	K- selection			Ans. B				

 \boldsymbol{D}

78.	VNTI A)	R analysis involves: Analyzing specific loci	for 2 base r	epeating units usually less than 100 bp					
	11)	in size	101 2 0450 1	opening and assumy loss than 100 op					
	B)	Analyzing specific loci							
	C)	PCR amplification of sp	_						
	D)	Cutting DNA with restri fragments	iction enzyı	me and analyzing the banding pattern of	Ans.				
79.	At hig	gh altitude, the RBC in hu	man blood	will					
	A)	Increase in size	B)	Decrease in size					
	C)	Increase in number	D)	Decrease in number	Ans				
80.		ignal transduction pathwa llowing enzymes?	y in rod cel	ls by light does not involve which of					
	A)	cGMP	B)	cGMP phosphodiesterase	Ans.				
	C)	Guanylyl cyclase	D)	Adenylate cyclase					
81.	Frame shift mutations occur following								
	A)	Tautomeric shift	B)	Base substitution					
	C)	Dimer formation	D)	Deletion of single base	Ans. I				
82.	Immu	nity theory of ageing depo	ends mainly						
	A)	Thymus	B)	Thyroid	Ans. A				
	C)	Pituitary	D)	Adrenal	11110.11				
83.	Charged tRNA refers to								
	A)	Aminoaclyl tRNA	B)	Hypomethyl tRNA					
	C)	Pseudouridyl tRNA	D)	Hyperuridyl tRNA	Ans. A				
84.	The number of substrate molecules acted upon by a molecule of enzyme is								
	A)	Induction number	B)	Activation number					
	C)	Turn over number	D)	Modulation number	Ans. C				
85.	found		e aorta. A cl	webbing, and sexual infantilism is hromosomal analysis would					
	B)	Trisomy 21							
	C)	XO karyotype			Ans. C				
	D)	Defect at chromosome 4	lp16						
86.	direct replic is being	ion. Yet, at the replication ated with the synthesis of ng synthesized in the 5' to	fork, both new DNA. 3' direction tion? This a ymes	nthesize DNA only in the 5' to 3' strands of parental DNA are being How is it possible that while one strand appears to be pparent paradox is explained by					
	D)	Replication and immedi	ate crossov	er of the leading strand	Ans. C				
	,								

87.	HLA A) C)	(Human leucocyte antigen) is Chromosome number 22 Chromosome number 12	located B) D)	on Chromosome number 18 Chromosome number 6	Ans. D				
88.	Mem	ory region is located in which i	region o						
	A)	Temporal lobe	B)	Frontal lobe					
	C)	Parietal lobe	D)	Occipital lobe	Ans. A				
89.	mice.	NL- type cells are pathogenic,	develo thogeni e disease and als	so do not die	e Ans. A				
90.	Allos A)	teric inhibition Makes active site unfit for su	shatrata						
		B) Control excess formation of end product							
	C)	Both A and B	cha pro	rauct					
	D)	None of the above			Ans. C				
91.		the Luria- Delbruck experimer iment demonstrate Pre-selection mutation Directed mutation	B) D)	Post-selection mutation Adaptive mutation	Ans. A				
92.	perso	Which of the following techniques would be the best choice for screening a person's genetic profile for 1,000 or more genes?							
	A)	Microarray analysis	B)	VNTR analysis					
	C)	FISH	D)	RFLP analysis	Ans. A				
93.	Perce	entage of frequency phenotypic	effect o	of genes is called					
	A)	Phenocopy	B)	Polyphony					
	C)	Polytypy	D)	Penetrance	Ans. D				
94.	Whar	ton's duct is associated with							
	A)	Parotid gland	B)	Sub maxillary gland					
	C)	Sublingual gland	D)	Gastric gland	Ans. I				
95.	Chag	a's disease affecting blood circ	ulation	is a					
	A)	Viral disease	B)	Protozoan disease					
	C)	Fungal disease	D)	Helminth disease	Ans. B				
96.	A pei	ntose sugar present in the heart	muscle	is					
	A)	Xylose	B)	Xylulose					
	Ć)	Lyxose	Ď)	Aldose	Ans. C				
					11,,,,,				

97.	When a B-cell undergoes immunoglobulin class switching A) the variable region of the light chain changes, but its constant region								
	11)	remains the same		enanges, out its constant region					
	B)		nt chain	remains the same, but its constant					
	C)	region changes the variable region of the hea	vy chai	in remains the same but its constant					
	ŕ	region changes							
	D)	the variable region of the hearemains the same	vy chai	in changes but its constant region	Ans. C				
98.		enesis of Prader-Willi syndrom a single parent is an example of		heritance of two normal chromosomes					
	A)	Germinal mosaicism	B)	Genomic imprinting					
	C)	Chromosome deletion	D)	Chromosome rearrangement	Ans. B				
99.	The anticoagulant found in the blood vessels which prevent clotting of menstrual blood inside the uterus								
	A)	Heparin	B)	Hirudin					
	C)	Plasmin	D)	EDTA	Ans. C				
100.	Which	Which of the following is/are true about GFP?							
	A)	GFP is a bioluminescent mar							
	B)	A herterologus marker used i		_					
	C) D)	Isolated from the jelly fish A All of the above	equoria	Victoria	Ans. D				
	D)	All of the above							
101.		nitin inhibits	D)						
	A) C)	Only RNA polymerase I Only RNA polymerase III	B) D)	Only RNA polymerase II All RNA polymerase					
					Ans. B				
102.	Ultraviolet light can damage a DNA strand causing								
	A) B)	Two adjacent purine residue		form covalently bonded dimer					
	C)	Disruption of phosphodiester							
	D)	Disruption of non-covalent li			Ans. B				
103.	Bidde	r's canal							
	A)	runs from gall bladder to duo	denum	, through which bile flows in					
	D)	vertebrates	1						
	B) C)	connects testis to kidney and		the tip of the nipple in placentals					
	D)	canal between external ovary			Ans. B				
104.	Erythr	compain is the antibiotic of ab	oice wh	nen treating respiratory tract infections					
104.	-	•		n, and Mycoplasma-based pneumonia					
		se of its ability to inhibit protein							
	A)	Inhibiting translocation by bi	nding t	•					
	B)	Acting as an analogue of mR							
	C)	Causing premature chain terr	nınatioi	n	Ans. A				
	D)	Inhibiting initiation							

105.	Knee jerk reaction is an example of what type of reflex?								
	A)	Monosynaptic I	B)	Multisynaptic					
	C)	Conditioned I	D)	Conscious	Ans. A				
106.	Whic	h of the following method can be	e used	to study protein-protein interaction	?				
	A)	Co-immunoprecipitation I	B)	Peptide mapping					
	C)	Radiolabeling I	D)	Enzyme linked immunoassay	Ans. A				
107.	A sig	nificant deficiency in vitamin D Osteomalacia	in adu	lts might be expected to lead to					
	B)	Rickets							
	C)	Hyperostosis							
	D)	Increased absorption of Calciu	m		Ans. A				
108.	Whic	h of the following vitamins can a	ct wit	·					
	A)	3	B)	Lipoamide					
	C)	Thiamine I	D)	Riboflavin	Ans. B				
109.	What	happens to pyruvate, the produc	t of gl	vcolvsis?					
	A) In the presence of oxygen, pyruvate is oxidized to acetyl-Co-A, which enters the Kreb cycle								
	B)	•	vate i	s reduced and carried by NADH					
	Ć)	When pyruvate is reduced dire		•	4 D				
	D)	All of the above			Ans. D				
110.	Fats are efficient energy-storage molecules because of their								
	A)	High concentration of C-H bor							
	B)	Low concentration of C-H bon							
	C)	High concentration of O-H box							
	D)	Low concentration of O-H bon	ıd		Ans. A				
111.			orosis	after menopause due to decreased					
	A)	Secretion of Parathormone	1 . 5/	. 1					
	B)	Conversion of vitamin D into o	calcitr	101					
	C)	Secretion of estrogen			4				
	D)	Secretion of progesterone			Ans. C				
112.		h statement is correct for r- selec	-						
	A)	Large number of progeny with							
	B)	Small number of progeny with	_						
	C) D)	Large number of progeny with Small number of progeny with			Ans. C				
113.	Number of linkage group in an organism is always equal to								
113.	A)	Number of X chromosome	5111 15 (aiways equal to					
	B)	Number of Y chromosome							
	C)	Number of barr bodies							
	D)	Hanloid number of chromoson	nec		Ans. D				

114.	Shine – Dalgarno sequence is associated with					
	A)	Translation	B)	Transcription		
	C)	Replication	D)	Recombination		Ans. A
115.	Fire resistant resinous plants are not a characteristic of					
	A)	Chapparal	B)	Deciduous forest		
	C)	Tropical savannah	D)	Tundra		Ans. D
116.	In the cell cycle, DNA synthesis takes place during					
	A)	G1- Phase B)	G2- Phase	C) S- Phase	D)	Both A&B
117.	Endostyle is present in					Ans. C
	A)	Amphioxus	B)	Shark		
	C)	Salamander	D)	Turtle		Ans. A
118.	Clostridium botulinum is an example of					
	A)	Obligate anaerobes	B)	Obligate aerobes		
	C)	Facultative anaerobe	,	Facultative aerobes		Ans. A
119.	Polar	bear is larger in size th	an black bear.	this is explained by		
	A)	Allen's rule	B)	Jordan's rule		
	C)	Gloger's rule	D)	Bergman's rule		Ans. D
120.	In a marriage made between a universal donor mother and a universal recipient					
	father, what will be the possible % of blood group of children?					
	A)	50% A and 50% B	B)	100% AB		
	Ć	100% O	D)	50% AB and 50% O	ı	Ans. A