MINGHAM

61511	Line Williams		
ROLL No.		•	
Landa de la contraction de la		QN. BOOKLET No.	050

TEST FOR POST GRADUATE PROGRAMMES

ZOOLOGY

Time: 2 Hours	<u> </u>	¥	Maximum Marks: 450

INSTRUCTIONS TO CANDIDATES

- 1. You are provided with a Question Booklet and an Optical Mark Reader (OMR) Answer Sheet to mark your responses. Do not soil your OMR Sheet. Read carefully all the instructions given on the OMR Sheet.
- 2. Write your Roll Number in the space provided on the top of this page.
- 3. Also write your Roll Number, Test Code, Test Centre Code, Test Centre Name, Test Subject and the date and time of the examination in the columns provided for the same on the Answer Sheet. Darken the appropriate bubbles with HB pencil.
- 4. The paper consists of 150 objective type questions. All questions carry equal marks.
- 5. Each Question has four alternative responses marked A, B, C and D and you have to darken the bubble fully by HB pencil corresponding to the correct response as indicated in the example shown on the Answer Sheet. Also write the alphabet of your response with ball pen in the starred column against attempted questions and put an 'x' mark by ball pen in the starred column against unattempted questions as given in the example in the OMR Sheet.
- 6. Each correct answer carries 3 marks and each wrong answer carries 1 minus mark.
- 7. Please do your rough work only on the space provided for it at the end of this question booklet.
- 8. You should return the Answer Sheet to the Invigilator before you leave the examination hall. However Question Booklet may be retained with the Candidate.
- 9. Every precaution has been taken to avoid errors in the Question Booklet. In the event of such unforeseen happenings, suitable remedial measures will be taken at the time of evaluation.
- 10. Please feel comfortable and relaxed. You can do better in this test in a tension-free disposition.

IVISH YOU A SUCCESSFUL PERFORMANCE



ZOOLOGY

1.	Malari	al parasite belongs to the order		
	(A) (C)		(B) (D)	haemosporidia plasmodium
2.	Endo-	erythrocytic cycle in Plasmodium	n vivax	occurs in
	(A) (C)	1 There are a second se	(B) (D)	bedbugs armadillos
3.	Vortic	ella is a ciliated		
elle i	(A) (C)		(B) (D)	echinidėrm larva rotifera
4.	Circun	nvallation is a process of ingestic	on in	
	(A) (C)	protozoa flagellates	(B) (D)	mesozoa None of the above
5.	Choan	ocytes are flagellate cells found	in	
	(A) (C)	flat worms insects	(B) (D)	annelids sponges
6.	Amphi	blastula larva occurs in	in a	Manager of war of held
	(A) (C)	echinoderms sponges	(B) (D)	mulluses platyhelminthes
7.	'Portug	uese man of war' is a		gitt in tight 190A
(4	(A) (B) (C) (D)	Portuguese soldier a giant coral reef Polymorphic colonial coelenter a giant sponge	rate	
8.	Coelent	rates have		restante Na Langua D
	(A) (C)	true coelom	(B) (D)	acoelomatic structure None of the above



9.	Larvae	of Coelenterates are kno	wn as		
	(A) (C)	actinotrocha glochidium	(B) (D)		
10.	50.95	one of the following ann		•	
	(A) (C)	Pheritima Chaetopterus	(B)	Megascolex Sabella	
11.	1270 MF.	d that takes the longest m	6 9 (8)		
	(A) (C)	Arctic tern Pelican	(B) (D)	Flamingo Stark	
12.	Which polych	one of the following pheaetes?	enomena occi	ars in the reproduction of cer	tain
	(A) (C)		(B) (D)	Endomyxis Metagenesis	
13.	A STORY OF THE STORY	nial nomenclature' of orga		*	
	(A) (B) (C) (D)	different names propose names that indicate gen	ed by different us and species	•	
14.	The lar	gest Barrier Reef of the w	74		
	(A) (C)	India Australia	(B) (D)	New Zealand West Indies	
15.	What is	the most important part of	of an egg calle	ed?	
	(A) (C)	Yolk Germ		Shell Nucleus	
16.	Sea lily	belongs to the class	1_141		
į	(A) (C)	crinoidea holothuria	(B) (D)	asteroidea echinoidea	

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17.	Which	animal can look two wa	rys at the same	time?
	(A) (C)	Tortoise Snake	(B) (D)	
18.	Which	animal is the main attra	ction in Assan	n's Kaziranga National Park?
	(A) (C)	Zebra Black lion	(B) (D)	Ziraffe The one-horned Rhinoceros
19.	Which	one of the following cla	sses is represe	nted only by fossil forms?
	(A) (C)	Amphibia Agnatha	(B) (D)	Placodermi Crocadelia
20.	Ingestic	on of solid particles by c	ells is known	as
2	(A) (C)	phagocytosis osmosis	(B) (D)	pinocytosis import
21.	During	the life cycle of an ascid	dian, notochore	1
	(A) (C)	changes into nervechorseen only in the larva	rd (B) (D)	absent seen only in adults
22.	The syr	nbiotic algae associated	with corals are	known as
	(A) (C)	Volovox Euglena	(B) (D)	Chlanmidomonas Zoozanthellae
23.	Bipaliu	n belongs to		ata - 1 44
	(A) (C)	tricladida trematoda	(B) (D)	polycladida cestoda
24.	Tape wo	orms respire by	gen Nogel	
	(A) (C)	etenidia anaerobically	(B) (D)	pulmanery chamber aerobically
25.	Among	Molluscs, the most com	plex nervous s	system is seen in
*13		gastropoda onychophota	(B)	cephalopoda tardigrada



			•		
26.	Eye of	a mammal differs from	that of birds in	not having	
	(A) (C)	pecten retina	(B) (D)		
27.	Blubbe	er is found in			
	(A) (C)	kangaroo whale	(B) (D)	ox otter	
28.	Lac is	an		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	(A) (C)	excretory product solidified mucus	(B) (D)	secretary product faecal matter	
29.	Remin	ance of caecum in highe	r mammals is k	nown.as	
	(A) (C)	vermiform appendix colon	(B) (D)	ascending colon rectum	
30.	Among	g manimals, shortest ges	tation period is	seen in	
	(A) (C)	Platypus . Bat	(B) (D)	Kangaroo Opossum	
31.	Interna	tional convention on Bio	ological Divers	ity was held at Rio-de	Ianerio in
	(A) (C)	1992 2000	(B) (D)	1990 2007	
32.	Which	of these is totally an aqu	atic animal?		
	(A) (C)	Mud turtle Painted turtle	(B) (D)	Box turtle Tortoise	
33.	Tissues	covering or lining body	organs are kno	wn as	
	(A) (C)	connective tissues tendens	(B) (D)	epithelial tissues bone tissues	
				1070	



5 34. Tissues connecting bone to bone are (A) connective tissues (B) tendens (C) ligament (D) synovial membrane 35. Mammary glands of higher mammals are modified (A) sweat glands (B) spleen (C) endocrine glands (D) sebaceous glands 36. Which is the Fastest land animal? (A) Antelope (B) Gazelle (C) Hare (D) Cheetah 37. Toxic substance discharged by the blister beetles contain (A) cantharidine (B) cyanic acid (D) sulphurous acid (C) acetic acid 38. Heart beat originates from (A) left auricle (B) pace maker (D) cardiac muscles (C) right ventricle 39. In any experimental study, the controls (A) allow a standard comparison for experimental group (B) make it valid (C) are only replicates for statistical purpose (D) reduces the error 40. Which is the longest snake? (A) King Cobra (B) Reticulated Python (C) Anaconda (D) Viper The phenomenon that splits the population into smaller, most successful 41. breeding groups is known as

(B) niche segregation

(D) artificial selection

(A) habitat fragmentation

(C) habitat selection

42.	A flag	ellate that can cause red tides	is	
	(A)	Noctiluca scintillans	(B)	Euglena acus
	(C)		(D)	
43.	Who v	vrote the book "The Origin o	f Species'	of the light state of
	(A)	Louis Pasteur	(B)	Sir Alexander Fleming
	(C)		(D)	
44.	Essent	ially the first law of thermody	ynamics s	tates
	(A) (B)	entropy is increasing		
	(C) (D)		ed nor de reasingly	stroyed more disorganised
45.	Endost	yle in Ammocoetus is modifi	ed in lam	prey as
	(A)	thyroid	(B)	thymus
	(C)	pituitary	(D)	tonsils
46.	In you some la	ng animals, the phenomeno arge moving object is known	n of lear as	ning to recognize and approach
	(A)	imbreeding	(B)	imprinting .
	(C)	instinctive behaviour	(D)	reflex action
47.	A pair somew	n produced in an internal here else. This is referred to	organ m	ay be perceived as occurring
41				
	(A) (C)	hypochondria phantom pain	(B) (D)	psychosomatic pain referred pain
48.	Which	is the flightless bird found in	South An	nerica?
	(A)	Ostrich Rhea	(B) (D)	Cassowary Emu
19.	In huma	ins, which nature cell does no	t have a n	ucleus?
	(A)	Erythrocytes	(D)	T
	(C)	Leukocytes	(B) (D)	Lymphocytes Monocytes



50.	In euk	aryotic cells, lysomes are referr	ed to a	S. T. J. To samplem up 2
	(A) (C)	energy bags suicidal bags	(B)	1
51.	Succes	ssion of larvae is seen in the repr	roducti	ion of
41	(A) (C)	sponge obelia	(B) (D)	
52.		ol (beverage alcohol) is an inhibi ning a couple of mixed drinks sl		
	(A) (B) (C) (D)	less water because ADH inhib more water because ADH non ketone bodies formed from the alcohol because ADH cannot	mally p	promotes reabsorption
53.	The gro	eatest concentration of nitrogen	is foun	nd in
	(A) (C)	oceans rivers	(B) (D)	estuaries atmosphere
54.	Numer	ous pairs of stumpy unjointed le	gs are	seen in
	(A) (C)	onychophora trilobita	(B) (D)	pycnogonoidea pentastomida
55.	Hiruda	narians are		_ = = 12
	(A) (C)	detritivorus sanguivorus	(B) (D)	algivorous bacterivorous
56.	In man,	breathing with mouth diminished	es	per, it
	(A) (C)	filtering moisturizing	(B) (D)	warming texturizing
57.	The cor	mmon name of Taenia solium is		
	(A) (C)	pork worm	(B) (D)	guinea worm round worm



58.	Schisto	osomiasis is caused by		
	(A) (C)	liver fluke blood fluke	(B) (D)	
59.	Simple	st type of canal system in	sponges is	So not served to be - 1.000
	(A) (C)	ascon type leucon type	(B) (D)	sycon type uryphylous
60.	The far	nous "Chipko movement"	was started	by '·
•	(A) (C)	Indira Gandhi Salim Ali	(B) (D)	Rajiv Gandhi Sundarlal Bahuguna
61.	The so	urce of Ivory is		
	(A) (C)	blubber of whale tusk of elephant	(B) (D)	bone of camel horns of deer
62.	In man environ	, the system that does NO iment is	T dispose a	ny waste material directly to the
	(A) (C)	digestive system excretory system	(B) (D)	respiratory system circulatory system
63.	Azolla	is an example of		*
	(A) (C)	biomarker biofertiliser	(B) (D)	bioindicator biotoxin
64.	Sliding	filament theory explains th	e physiolog	y of
200	(A) (C)	nerve impulse exchange of gases	(B) (D)	muscle contraction protein synthesis
65.	A study	of an individual species ar	id its enviro	nment is known as
	(A) (C)	synecology population biology	(B) (D)	autecology community ecology



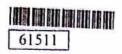
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66. The process of filtration in the glomerulus is driven by					
(A) (C)	active transport osmosis		100		
In man	, the vitamin essentia	l for blood	clottii	ng is	
(A) (C)	Vitamin A Vitamin B	m) 199	2000		de.
Pyruva	te is the end product	of		1 affiliate one disk	19
(A) (C)	* 80	A Livery of	(B) (D)	anaerobic glycolysis ornithine cycle	100 14R
Blood	vessels that carry pure	e blood fron	ı lung	gs to heart are	
(A) (C)	coronary arteries precaval vein		(B) (D)	pulmonary arteries pulmonary vein	
Ligame	ents and tendons are f	ormed by		. 4	11
(A) (C)	connective tissue nervous tissue	N. Santa	(B) (D)	epithelial tissue muscle tissue	
Pelagio	larval stage in the lif	e cycle of S	cypho	ozoa is known as	9.1
(A) (C)	velliger ephyra	Francis (C	(B)	trochophore Muller's larva	
		ent of the c	ompo	und eye that forms the	image is
(A) (C)	rhodopsin cornea		(B)	ommatidium	
Extra in	INCOME A CONTRACT OF A STATE OF THE PROPERTY O		he lif		
(A) (C)	taenia ascaris		(B) (D)	fasciola enterobius	
	(A) (C) In man (A) (C) Pyruva (A) (C) Blood (A) (C) Ligame (A) (C) Pelagic (A) (C) Among known (A) (C) Extra in (A)	(A) active transport (C) osmosis In man, the vitamin essentia (A) Vitamin A (C) Vitamin B Pyruvate is the end product (A) Kreb's cycle (C) aerobic glycolysis Blood vessels that carry pure (A) coronary arteries (C) precaval vein Ligaments and tendons are f (A) connective tissue (C) nervous tissue Pelagic larval stage in the lift (A) velliger (C) ephyra Among insects, the componishnown as (A) rhodopsin (C) cornea Extra intestinal migration occurrence.	(A) active transport (C) osmosis In man, the vitamin essential for blood (A) Vitamin A (C) Vitamin B Pyruvate is the end product of (A) Kreb's cycle (C) aerobic glycolysis Blood vessels that carry pure blood from (A) coronary arteries (C) precaval vein Ligaments and tendons are formed by (A) connective tissue (C) nervous tissue (C) nervous tissue Pelagic larval stage in the life cycle of Section (A) velliger (C) ephyra Among insects, the component of the ceknown as (A) rhodopsin (C) cornea Extra intestinal migration occurs during the centre (A) taenia	(A) active transport (C) osmosis (D) In man, the vitamin essential for blood clottin (A) Vitamin A (C) Vitamin B (D) Pyruvate is the end product of (A) Kreb's cycle (C) aerobic glycolysis (D) Blood vessels that carry pure blood from lung (A) coronary arteries (B) (C) precaval vein (D) Ligaments and tendons are formed by (A) connective tissue (B) (C) nervous tissue (D) Pelagic larval stage in the life cycle of Scyphology (A) velliger (C) ephyra (D) Among insects, the component of the compo	(A) active transport (C) osmosis (D) dialysis In man, the vitamin essential for blood clotting is (A) Vitamin A (B) Vitamin B ₁₂ (C) Vitamin B (D) Vitamin K Pyruvate is the end product of (A) Kreb's cycle (B) anaerobic glycolysis (C) aerobic glycolysis (D) ornithine cycle Blood vessels that carry pure blood from lungs to heart are (A) coronary arteries (B) pulmonary arteries (C) precaval vein (D) pulmonary vein Ligaments and tendons are formed by (A) connective tissue (B) cpithelial tissue (C) nervous tissue (D) muscle tissue Pelagic larval stage in the life cycle of Scyphozoa is known as (A) velliger (B) trochophore (C) ephyra (D) Muller's larva Among insects, the component of the compound eye that forms the known as (A) rhodopsin (B) ommatidium (C) cornea (D) lens Extra intestinal migration occurs during the life cycle of (A) taenia (B) fasciola



74.	In man	, syndromes are caused by	g da s	rana hara seemal will	
	(A) (C)	pleiotropic genes oncogenes	(B) (D)	177	
75.	Which of decr	one of the following is the correasing productivity?	ect se	A .	er
	Tallettee				
	(A)	Oceans, lakes, grasslands and i			
	(B)	Mangroves, oceans, lakes and			
	(C)	Oceans, mangroves, grasslands		akos,	
	(D)	Mangroves, grasslands, lakes a	na oce	salis	
76.	Nerv	e cord in leeches is found in		A	
	(A)	dorsally	(B)	between muscles	
	(C)	in the ventral sinus	(D)	in the ventral vessels	
77.	21753 1 5 34.	nals, horns, nails and hoofs are m		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	9*	• - 1			
	(A)	chitin	(B)	keratin	
	(C)	tunicin	(D)	cuticle	
70	•	72 1 1 1 1 1 1 1			
78.	Lacryn	nal glands are responsible for sec	retion	01	
	(A)	tears	(B)	saliva	
	(C)	IN HCl	(D)	fatty acid	
79.		lationship between birth rate a	ind de	eath rate referred to as rate of	f
	increas	e for a population (r) is	7 .		
	(A)	their sum	(B)	their product	
		doubling time between them	(D)	difference between them	
	(-)	tries visit	(-/	- 1 1 1 1 1 1	
80.	Diaster	na is the space between		·	
	(A)	incisors and premolars	(B)	canines and molars	
	(C)	premolars and molars	(D)	incisors and canines	
9	(0)	in the	(5)	meisors and cannies	
81.	Spheno	don is found in		7005.	
-	· (A)	Mauritius	(B)	Medagascar	
	(C)	New Zealand	(D)	Madrid	
				TA HOUSE THE TOTAL CONTROL OF THE TOTAL CONTROL OT THE TOTAL CONTROL OF THE TOTAL CONTROL OF THE TOTAL CONTROL OT THE TOTAL CONTROL OF THE TOTAL CONTROL OF THE TOTAL CONTROL OT	

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82.	Ovum	is motile in			
	(A) (C)	Shigella Sycon	(B) (D)	(C)	
83.	Ichthyo	phis is an example of			, nā nā
	(A) (C)	sea snake limbless lizard	(B) (D)	flying lizard limbless amphibian	
84.	Desmo	somes are associated wit	h		
	(A) (C)	epithelial tissue connective tissue	(B) (D)	nervous tissue adipose tissue	9
·85.	Oxyhae	moglobin gives up oxyg	en when	* A3, FR 1 W	
	(A) (C)	pH is high body temperature is low	(B) v (D)	CO ₂ concentration is CO ₂ concentration is	
86.	Book lu	ings are found in	IIIP I	1 * K+1978	
	(A) (C)	prawns scorpions	(B) (D)	crabs centipedes	e. 1
87.	Represe	entative of sub-phylum C	ephalochorda	a is	
	(A) (C)	Branchiostoma Balanoglossus	(B) (D)	Saccoglossus Ascidia	
88.	Feather	y tracts of birds are called	d	90 . 9	
	(A) (C)	retrices remiges	(B) (D)	apterylae pterylae	
89.	Applica gene is	tion of genetic engineer	ing technique	•	defective
į	(A) (C)	gene splicing gene therapy	(B) (D)	gene cloning gene sequencing	Ŧ



90.	Loreal p	oit that is sensitive to heat is see	many " more a second	
	(A) (C)			Hydrophis Necatrix
91.	In birds	, flight muscles are attached to		republican in the
	(A) (C)	clavicle	(B) (D)	coracoid plexus
92.	Evicera	tion takes place in		196
	(A) (C)			sea -lily sea- urchin
93.	Tomari	a is the larval stage of		ropagain magne
	(A) (C)	balanoglossus phoronida		chaetgnatha rotifera
94.	Highly	repetitive DNA is found in		Taxonia pri espi
. *	(A) (C)		(B) (D)	DNA mini-satellites centromere
95.	Biolum	inescence in glow worms is on a	ccoun	t of
	(A) (C)	interlukine interferons	100	luciferin glycine
96.	In cycle	ostomes pineal eye is a		+41 41
	(A) (C)	rheoreceptor chemoreceptor	(B) (D)	thermoreceptor photoreceptor
97.	Dipleur	ula larva is the larva of	21.5	de la catalogía
	(A) (C)	echinoderms arthropoda	(B) (D)	mollusca None of the above



98.	Scient	ific name of hook worm is		and the second second
	(A) (C)	Ascaris lumbricoides	(B (D) Ancylostoma duodenale
99.	An exa	unple of wood boring mullusc is	S	
	(A) (C)		(B)	
100.	What l	nappens when you skip a meal?		Meganagan para as as
•	(A) (B) (C) (D)	Increase in glucagons levels an Increase in insulin level Decrease in glucagon Glucose is converted to glycog		cogen is converted to glucose
101.	Haemo	ocyanin contains		
	(A) (C)	Copper Iron	(B) (D)	Nickel Cobalt
102.	In Bom	byx mori silk gland secretes		
	(A) (C)	chitin pepsin	(B) (D)	servocin trypsin
103.	Nerve o	cord of vertebrates is		
	(A) (C)	solid ventral ventral tubular	(B) (D)	dorsal tubular solid dorsal
104.	In eleph	ants proboscis is formed by		+#/) =
	(A) (C)	extension of fore head fusion of nose and upper lip	(B) (D)	fusion of B nostrils elongation of upper lip
105.	Limulus	is commonly known as		
	(A)	king crab	(B)	blue crab

106.	In electric ray, electric organs are modified							
	(A) (C)	glands tendons	(B) (D)	muscles tegument				
	(0)	tendons	(1)	togumom				
107.	Retrog	Retrogressive metamorphosis occurs in						
	(A)	cephalochordata	(B)	hemichordata				
	(C)	urochordata	(D)	vertebrata				
108.	Notoch	nord is restricted to tail region a	among					
	(A)	cephalochordates	(B)	hemichordates				
	(C)	urochordates	(D)	vertebrates				
109.	Ammo	coetus larva is the larva of		90				
	(A)	amphioxus	(B)	petromyzon				
	(C)	deep sea fish	(D)	cel ·				
110.	Coelac	anth is a		*				
	(A)	deep sea fish	(B)	planktonic fish larva				
	(C)	living fossil	(D)	None of the above				
111.	Marsup	oium in Kangaroo is supported	by					
	(A)	pelvic bone	(B)	humerus				
	(C)	epipubic bone	(D)	femur				
112.	Caecun	n in rabbits is an organ of						
	(A)	vestige	(B)	digestion of protein				
	(C)	digestion of cellulose	(D)	digestion of fat				
113.	Catarac	t is a condition caused by	9-1 PM					
	(A)	sty in the eye	(B)	infection of retina				
	(C)	cloudiness of the lens	(D)	nerve degeneration				



114.	Polyme	risation of glucose into glycogen	is	
	(A)	glycogenolysis	(B)	TCA cycle
	(C)	glycolysis	(D)	glycogenesis
115.	Leptoce	phalus is the larva of		i grang.
	(A)	ophiocephalus	(B)	anguilla
	(C)	saccobranchus	(D)	anabas
116.	Axolotl	e is a neotonic form of		
	(A)	anura	(B)	urodela
	(C)	apoda	(D)	None of the above
117.	Effect o	of temperature on metabolic rate i	s exp	lained by
	(A)	Jordan's rule	(B)	Vant Hoff's rule
	(C)	Allen's rule	(D)	Gloger's rule
118.		liant energy trapped and converte onthesis is known as	d to o	chemical energy by plants during
	(A) (C)	gross primary production secondary production	(B) (D)	net primary production tertiary production
119.	In man,	the occipital lobe of the brain is	respo	nsible for
	(A)	coordination of hands	(B)	speech
	(c)	vision	(D)	memory ·
120.	Nitrific	ation converts		
	(A)	ammonia to nitrate	(B)	nitrite to nitrate
*	(C)	nitrite to free nitrogen	(D)	nitrite to ammonia
121.	The fol	lowing reptile is a living fossil		
	(A)	sea snake	(B)	hawk bill turtle
	(C)	sphenodon	(D)	crocodile

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	*		
122.	Archaepteryx is a		
	(A) living fossil	(B)	living legend
	(C) extinct bird	(D)	extinct fish
123.	Divergency may lead to		. 4. PE I
	(A) genetic drift	(B)	speciation
	(C) gene flow	(D)	genetic equilibrium
124.	The enzyme that cuts DNA into fragme	ents is	•
	(A) helicase	(B)	ligase
	(C) polymerase	(D)	restrictionendonuclease
125.	Loop of Henle is found in		. 1° /-:
	(A) nephrotome	(B)	pronephric kidney
79.0	(C) mesonephric kidney	(D)	metanephric kidney
126.	Programmed cell death is also called		
	(A) apolysis	(B)	apoptosis
	(C) lysis	(D)	cell degeneration
127.	Flight muscle of birds is composed of		
	(A) three types	(B)	two types
	(C) one type	(D)	four types
128.	Among poultry birds, clipping of the up	per be	ak is known as
	(A) culling	(B)	dubbing
	(C) pecking	(D)	
129.	Use of techniques of applied mather artificial intelligence, chemistry and bio usually at the molecular level is adopted	chemi	s, statistics, computer science stry to solve biological problems
٠	(A) bioinformatics	(B)	biometrics
	(C) applied biology	(D)	applied genetics



		W		
130.	Dipnoi	is a classical example of		
	(A) (C)	bipolar distribution discontinuous distribution	(B)	
131.	Air sac	s are found in the lungs of		
	(A) (C)	amphibia birds	(B) (D)	1000 A - 100
132.	Urine o	of birds consists of		
	(A) (C)	uric acid salts	(B) (D)	urea liquids
133.	In Asco	aris lumbricoides, infective stage	to ma	n is
	(A) (C)	rhabditiform larva hexacanth larva	(B) (D)	embryonated egg
134.	In man	, the popularly known 'cerebral i	nalari	a' is caused by
	(A) (C)	Plasmodium vivax Plasmodium malariae	(B) (D)	Plasmodium falciparum Plasmodium berghei
135.	Sharks,	penguins and porpoises together	r exhit	oit
	(A) (C)	morphological divergence morphological convergence	(B) (D)	parallel evolution co-evolution
136.	Second	messengers are molecules of		RELUCE TO A
	(A)	insulin ADP	(B) (D)	cyclic AMP prostaglandin
137.	Goitre in	n man is due to the deficiency of		aris su l'A) e. iil (aux y gig
	(A) (C)	Iodine Iron	(B)	Calcium Sodium
		Target 1 27 antarget 1 27		e afgrada at gasara e ag

		•			
138.	Zoogeographical realm that includes Asia south of Himalayas is				
	(A) (C)	palaearctic realm nearctic realm	(B) (D)		
139.	The sta	te bird of Kerala is			
	(A) (C)	Hopoe Hombill	(B) (D)	Peacock Duck	
140.	Nest bu	nilding in birds can be referred to	as	••	
	(A) (C)	instinctive behaviour learned behaviour	(B) (D)		
·141.	Silent v	valley in Kerala is preserved beca	use o	f	
	(A) (C)	rare plants and animals recreational value	(B) (D)	•	
142.	The ho	rmone that maintains sodium (N	Va⁺)a	nd potassium (K ⁺)ion balance in	
	(A) (C)	aldesterone insulin	(B) (D)	progesterone thyroxine	
143.	The pr	ocess by which a chromosom	ne se	gment becomes attached to a	
	(A) (C)	deletion segment transfer	(B) (D)	translocation . inversion	
144.	Among	fishes, migration from sea to free	shwat	er for spawning is known as	
	(A) (C)	anadromous potamodromus	(B) (D)	None of the above	
145.	In an ec	osystem, loss of energy during en	nergy	transfer is known as	
8	(A) (C)	eutrophication entropy	(B) (D)	biomagnification biodegradation	



146.	"Wheel animalcules" are						
	(A) (C)	bryozoans rotifers	(B) (D)	phoronids nemertines			
147.	Nissils	Nissils granules are found in					
	(A) (C)	nerve cell RBC	(B) (D)	lymphocyte epithelial cell			
148.	Platypus belongs to						
		prototheria eutheria	(B) (D)	metatheria apes			
149.	Biocoenosis is the term used to denote						
	(A) (C)	aestivation hybernation	(B) (D)	migration ecosystem			
150.	Respiration in Cetacea is through						
	(A) (C)	gills nostrils	(B) (D)	air-sacs blow holes			

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