## ZOOLOGY

110.							njugation						
	fission is		(1	\ 7			( ) 1			(1) (			
111	(a) 8 (b) 7 Herbivorous insect with piercing and sucking					(c) 4				(d) 6			
111.				-	_	uckin			-		1		
110	(a) Cimex			o) Pedio		1		errica la		, ,	ombyx		
112.	The spern	_			_				_		ma		
	(a) Divert		_	matnec	ca		npulla o	-	natneca				
							(a) P	rostate g	giands				
113.						(D) C1							
	(A) Calca						<ul><li>(B) Scyphozoa – Ephyra larva</li><li>(D) Siphonopoda – Trochophore larva</li></ul>						
	(C) Turbe						(D) S	ipnonoj	ooda –	I rocno <sub>l</sub>	pnore 18	arva	
	The corre				C		( ) D	0 D		( 1) A	0.0		
111	(a) A & D		,	o) B &		1 4	(c) B		. 1	, ,	& C		
114.					oaium ti	dium that occur in its definite host are							
	(a) Male g	_					<ul><li>(b) Sporozoites, Oocyst</li><li>(d) Ookinete, Gametocyte</li></ul>						
115	(c) Male g	-	-		li ia ausia	1				•	4		
115.	The respo												
116	(a) Radial		,	o) Birac	11a1		(c) S]	pherical		(a) B	(d) Bilateral		
116.	Match the		ing:	(	I) Inflor		0.10						
	(A) Acido	-		•	I) Inflan								
	(B) Basophils (II) Blood clot (C) Neutrophils (III) Antibodie (D) Bloome calls (IV) Facinoph												
	(D) Plasma cells (IV) Eosinoph (E) Thromobocytes (V) Phagocyte												
	A	В	C	D	E	ocytt	20	A	В	C	D	Е	
		) IV	IV	II	III	(b)	1	IV	III	II	I	V	
	(c) IV	I	V	III	II	(0)	(d)	IV	V	III	II	Ĭ	
117.	Blood fro	_				retim	. ,					•	
	(a) Septo		-	-			ommiss	•	od ves	sel			
	(c) Ventro					(d) Sub neural blood vessel							
118.	Scolopidi					` /							
	(a) Omma					(b) Chemoreceptors							
	(c) Mecha	anorece	ptors			(d) Thermoreceptors							
119. In the development of Taenia solium micromeres form							-						
	(a) Embryophore							(b) Shell layer					
	(c) Outer embryonic membrane							(d) Morula					
120.	One horned Rhinoceros is protected at												
	(a) Kanha – National park – Madhya Pradesh												
	(b) Periyar – National park – Kerala												
	(c) Khaziranga – National park – Assam												
	(d) Nanda	idevi –	Nation	al park	– Uttark	chand							

121.	Sibling species are											
	(a) Morphologically similar and capable of interbreeding											
	(b) Geographically isolated but capable of interbreeding											
	(c) Reproductively isolated and morphologically similar											
	(d) Morphologically alike but not repr											
122.	Assertion (A): In Pheretima, rapid conduction of impulses occur through out the whole											
	length of the body.											
	Reason (R): Nervous system of pheretima has four giant axons along the ventral side of											
	nerve cord.	cuma mas rour grame arrons arong	, the ventral side of									
	(a) A and R are true and R is the corre	ct explanation of A										
	(b) A and R are true and R is not the c											
	(c) A is true, R is false	(d) A is false, R is true										
123.	In cockroach, flexibility of the arthrod		of									
120.	(a) Sclerotised chitinous layer	(b) Chitinous cuticular la										
	(c) Non-Chitinous layer	(d) Cement layer	jei									
124.	The bacteria responsible for the conversion of nitrites into nitrates is											
	(a) Pseudomonas (b) Closteridium		) Nitrosomonas									
125.	Choose the correct combinations	ii (e) i viii o daetei (d)	Titlosomonas									
123.	Animal Character	Group										
	(A) Echinocardium Aristotle's											
	(B) Pecten Radula	Lamellibranchia	ata									
	(C) Aphrodite Parapodia											
	(D) Limulus Book gills	<del>-</del>										
	(a) All are correct (b) All except I	-	C, D only									
126.	The site for ATpase activity in a cilium		, c, b omy									
	(a) Myosin heads (b) Dynein arm		Central Sheath									
127.	The character of annelids with fixed n		Contrar Silvatii									
_,.	(a) Botryoidal tissue	_	(b) Unisexual animals									
	(c) Trochophore larva	(d) Gonoducts absent										
128.	Which of the following is related to se	* 1										
	(a) Amoebic dysentery (b) Amoebic		) Appendicitis									
129.	Photochemical smog pollution does no	<u> </u>	T-PP CITOTOLO									
	(a) Nitrogen dioxide (b) Ozone		PAN									
130.	Assertion (A): Heart sound 'lubb' is c											
	Reason (R): Closure of Artrio ventricular valves occur, when ventricular pressure falls											
	below the atrial pressure											
	(a) A and R are true and R is the correct explanation of A											
	(b) A and R are true and R is not the correct explanation of A											
	(c) A is true, R is false	(d) A is false, R is true										
131.	The pathogen for chronic respiratory desease in poultry birds is											
	(a) Paramyxo virus	(b) Oidium albicans										
	(c) Pasteurella avicida		(d) Mycoplasma gallisepticum									
	· · · · · · · · · · · · · · · · · · ·	() 1 L 8 8										

132.	During propagation of nerve impulse both Na <sup>+</sup> activation and inactivation gates are opened in												
	(a) Depola	(a) Depolarising phase				(b) Repolarising phase							
	(c) Hyperp	Hyperpolarising phase (d) Resting phase											
133.													
	(a) Urea (b) Creatinine					` /	ucose		` '	(d) Uric acid			
134.													
	(A) Delan				himixis		(C) Compaction			(D) In	(D) Implantation		
	(E) Capac	itation	(	(F) Invo	lution		_						
	(a) B, E, C, D, A, F (b) E, B, A, D, C, F (c) E, B, C, D, A,						), A, F	(d) E, B, C, F, A, D					
135.	Match the		_										
	(A) Odont												
	(B) Masto	1		` ′									
	(C) Coron												
	(D) Acron	nion pro	cess(	IV) Per	iotic								
	A	В	C	D				Α	В	C	D		
	(a) III	II	I	IV			(b)	IV	III	II	I		
	(c) II	I	III	IV			(d)	II	IV	I	III		
136.	Autosoma				ilia is due	to d	eficier	ncy					
	(a) Anti haemoglobin globin (b) Thrombokinase												
							(d) Fi	d) Fibrinogen					
137.	Read the following												
	(A) Hexagonal vertebrals (B) Dorsal scales are keeled												
	(C) Arrow mark on head						(D) Cuneate plate						
	(E) Single row of sub caudals												
	Identify the characters of Echis												
	(a) ACE	a) ACE (b) BCE (				(c) DCE			(d) A	(d) ABC			
138.	138. The excretory organs in Assymmetron												
	(a) Solenocytes (b) Podocytes						(c) Flame cells			(d) K	(d) Kidney		
139.	Which of	the foll	owin	g has tl	hree – lo	bed	diphy	cercal t	ail and	is cons	idered	as living	
	fossil												
	(a) Protop	terus	(	(b) Clim	atius		(c) Hi	ppocan	npus	(d) La	atimeria	ı	
140.	A population of 100 moths show genotypic frequencies of wing color AA = 0.16,												
	aa = 0.36 and $Aa = 0.48$ what is the allelic frequency of alleles A and a respectively												
	(a) 0.4 and	d 0.6	(	(b) 0.6 a	nd 0.4		(c) 0.3	3 and 0.	.7	(d) 0.	(d) 0.7 and 0.3		
141.	In striated	muscles											
	(a) Reptile	± Y						S					
				•				-					

142.	Following are the parts of male reproductive system in Rabbit										
		(B) Vas efferentia		(D) Epididymis							
	(E) Vas deferens (F) Seminiferous tubules										
	Arrange them in sequence based on movement of sperms										
	(a) $F - C - B - E - D$		-	(b) $F - C - B - D - E - A$							
	(c) $F - C - A - E - D$		(d) $F - C - E - D - A - B$								
143.	Study the following		• •								
	<u>Harmone</u>	Secreted by	<u>Function</u>								
	(A) Somatostatin	Hypothalamus	Inhibits secretion o	f insulin and glucagon							
	(B) Melatonin	Pineal gland	Regulate annual breeding cycles								
	(C) Cholecystokinin	Gall bladder	Secretion of pancreatic juice								
	(D) Calcitonin		Inhibits bone resort								
	In the above the correct are										
	(a) A and D only	(b) A and C only	(c) B, D only	(d) B only							
144.	If the heart valves of pig are transplanted to man, it can be classified under										
	(a) Autograft	(b) Isograft	(c) Xenograft	(d) Allograft							
145.	Sickle cell haemoglobin is formed due to replacement of										
	(a) Glutamic acid by		(b) Glutamic acid b	y lysine							
	(c) Valine by glutami	ic acid	(d) Lysine by gluta	mic acid							
146.	Oxygen – haemoglobin dissociation curve shifts to the right under the condition										
	(a) Low PH(b) Low	temperature (c) High	PH	(d) High PO <sub>2</sub>							
147.	Malignant tumours o		_								
	(a) Sarcoma	(b) Leukamia	(c) Carcinoma	(d) Lymphoma							
148.	The natural selective force that brings phenotypic stability for long period is										
	(a) Stabilising selecti	on	(b) Directional sele	(b) Directional selection							
	(c) Disruptive selection	on	(d) Natural selection								
149.	Read the following										
	(A) skin	(B) Phagocytes	(C) T cells								
	(D) Fever	(E) NK cell	(F) Saliva								
	Which of the above a	re second line defence	2								
	(a) B, D, E	(b) A, B, F	(c) B, C, F	(d) A, C, F							