

101. The excretory org	ans in prawn are			
a) Kidneys	b) Malpighian tubules	c) Green glands	d) <b>Nephridia</b>	
102. The dorsal plate o	f skeleton found on the abo	domen of cockroach i	s called	
a) Pleuron	b) Sternum	c) <b>Tergum</b>	d) Vertex	
103. Which of the follow	wing does not make a nest	of its own?		
a) Crow	b) Parrot	c) Cuckoo	d) Sparrow	
104. Which of the follow	wing statements are true (	T) and which are fals	e (F)? Choose the correct	
option				
I. Amphibians hav	e metanephric kidneys			
II. The skull of ma	mmals is dicondylic			
III. Aves copulate	by cloacal apposition			
IV. Voice i <mark>s</mark> produc	ced in Aves by a syrinx			
V. Lepus is gregar				
	a) II, IV and V are true, I and III are false		b) II, III and IV are true, I and V are false	
c) II and V are true, I, II and V are false d) I, II and V are tr		March March Street	e, III and IV are false	
			mediate host and primary	
	ng larval stages, respective	A Transport of the State of the Control of the Cont		
a) Metacercaria an	1410251	The har Y that has her	b) Miracidium and metacercaria	
c) Redia and mira		d) Cercaria and red		
	g fishes, identify the one w	=	-	
a) <i>Sphyrna</i>	b) <i>Tilapia</i>	c) <i>Cirrhinus</i>	d) <i>Exocoetus</i>	
	ie of Asian tiger mosquito i			
a) <i>Aedes aegypti</i>	b) <i>Aedes albopictus</i>	c) <i>Aedes</i> taeniornynchus	d) <i>Aedes albolineatus</i>	
108. The response to ex	xternal stimulus is quicker	and more precise in	which of the following	
symmetry?				
a) Radial	b) Bilateral	c) <b>Spherical</b>	d) Biradial	
-	f phylum-Ctenophora is			
a) Presence of comb plates and comb jellies		b) Presence of comb plates only		
c) Presence of tentacles only		d) Alteration of generation only		
110. Three types of boo	ly cavity are			
a) True coelom, ps	seudocoelom and haemoco	el		
b) Pseudocoelom,	protocoelom and acoelom			
c) Acoelom, deute	rocoel and homocoel			
d) Protocoel, deut	erocoel and pseudocoelom			
111. Which of the follow	wing is a crustacean?			
a) Prawn	b) <b>Snail</b>	c) Sea anemone	d) <i>Hydra</i>	
112.In earthworm, sel	f-fertilization cannot occur	due to		
a) Protogyny	b) Protandry	c) <b>Epigyny</b>	d) <b>Hypogyny</b>	

113. Which one of the following pairs is mismat	ched?	
a) <i>Pila globosa</i> – Pearl	b) <i>Apis indica</i> –	Honey
c) <i>Kenia lacca</i> – Lac	d) <i>Bombyx mori</i> -	Silk
114. Types of salivary glands present in rabbit a	re	
a) One b) Two	c) <b>Three</b>	d) Four
115.Lateral line sense organs occur in		
a) Salamander b) Frog	c) Water snake	d) <i>Scoliodon</i>
116.Dental formula of rabbit is		
2033 , 2133	2023	1303
a) $\frac{2033}{1023}$ b) $\frac{2133}{1023}$	c) $\frac{2023}{1023}$	d) $\frac{1303}{1203}$
117. Amphids are cuticular elevations on ventro	olateral lips of <i>Ascaris</i> . T	hese are
a) Tangoreceptors b) Tactoreceptors	c) Olfactoreceptors	d) Chemoreceptors
118.Poison gland in snake is located in		
a) Parietal b) Maxilla	c) Mandible	d) Neck
119.Bioluminescence is seen in phylum		
a) Ctenoplana b) Coelenterata	c) Ctenophora	d) Cnidaria
120. Which one is the real product of honey bee	=	
a) Bee wax b) Honey	c) <b>Propolis</b>	d) Pollen
121. Which one of the following is a matching se		e examples?
a) Cnidaria – <i>Bonellia, Physalia, Aurelia</i>	r y · · · · · ·	<b>.</b>
b) Platyhelminthes – <i>Planaria, Schistosoma</i>	Enterohius	
c) Mollusca – <i>Loligo, Teredo , Octopus</i>	) Bitter obitas	lasses
d) Porifera – <i>Spongilla, Euplectella, Pennati</i>	ula	1010000
122.Rhabditiform is the larva of	ara	UNILITACO ITA
a) <i>Hydra</i> b) Platyhelminthes	c) <i>Ascaris</i>	d) Farthworm
		u) Earthworth
123. Which of the following statements are true I. Poikilothermic animals are also called ect		
II. Sharks are ovoviviparous animals	tother fille allilliais	
III. Coxal glands are excretory organs prese	ont in arachnide	
IV. Copper containing respiratory pigment		tic procent in Pila
a) All the statements are false	b) All the statements	•
c) I and II are true and III and IV are false	,	
124. Which of the following statements are true		ilu il allu iv ale laise
9	•	actric chaelt to paralyza
I.In torpedo, the electric organs are capable the prey	e of generating strong er	ectric shock to paralyze
II.Bony fishes use pectoral, pelvic, dorsal, a	nal and caudal fine in ev	immina
III.Amphibian skin is moist and has thick so		/IIIIIIIIIg
IV.Birds are poikilothermous animals	laics	
V.The most unique mammalian characteris	tia is the presence of mi	llr producina mammary
glands by which the young ones are nouris	•	ik producing illallillary
a) I, II and III are true; IV, V are false	b) I, II and V and true	y III and IV are false
c) I, II and III are false; IV and V are true	d) I, II and IV are fals	e; m, and v are true
125.Nematoblasts of <i>Hydra</i> are	1) Com 21 1	
a) Sensory	b) Complicated	
c) With nematocyst annaratus	d) All of the above	

126. Ascaris has				
a) Paired testes and single ovary		b) Paired ovaries and single testis		
c) Single ovaries and single testis		d) Paired ovaries and	d) Paired ovaries and paired testes	
127.Ampullae of Lorenzin	ni are present in			
a) Fish	b) Lizard	c) Frog	d) Rabbit	
128. Which of the following	ng is colourless <i>Hydra</i> ?			
a) <i>Hydra fusca</i>	b) <i>Hydra viridis</i>	c) <i>Hydra oligactis</i>	d) <i>Hydra vulgaris</i>	
129.In which of the follow	ving organisms testes d	lescend into scrotum in	breeding season but in	
non-breeding season	goes up?			
a) Frog	b) Kangaroo	c) Shrew	d) Bat	
130.Correct sequenct in e	mbryonic developmen	t of frog is		
a) Zygote – Cleavage	– Blastula – Gastrula	b) Zygote – Cleavage	– Gastrula – Blastula	
c) Cleavage – Zygote	– Blastula – Gastrula	d) Zygote – Blastula -	- Cleavage – Gastrula	
131.Larva of <i>Sycon</i> is				
a) Parenchymula	b) Amphiblastula	c) Redia	d) Trochophore	
132.Sea horse is	-		_	
a) <b>A bird</b>	b) A mammal	c) An amphibian	d) A fish	
133. Feeding type of anim	als belonging to phylun	n-Porifera is		
a) Raptorial feeders	b) Suctorial feeders		d) None of these	
134.Which worm may go	very deep in soil up to	60-90 cm and form ver	tical and complicated	
burrows for their mo	A200.	0000	00000	
a) Epig <mark>e</mark> nic	b) Endogenic	c) Anecic	d) Geophagic	
135.Which of the following	ng animal is called a livi	ng fossil?		
a) King locust	b) <i>Limulus</i>	c) <i>Bombyx</i>	d) <i>Balanoglossus</i>	
136. Which of the following	ng group will be amniot	es? E V EL LI	LARNING	
a) <i>Hermidactylus – S</i>	alamander – Manis	b) <i>Ornithorhynchus</i>	– Struthio – Necturus	
c) <i>Anguis – Eudynamis – Pteropuss</i> d) None of the above				
137.The character that di	fferentiates chordate fr	om non-chordate is		
a) Triploblastic body	organization	b) Heterotrophic mo	de of nutrition	
c) Dorsal tubular nerve cord		d) Sexual reproduction		
138.Cavity of coelenterat	es is called	•		
a) Coelenterons	b) Coelom	c) Cavity	d) None of these	
139. Which one of the following	•	•	·	
a) Lampreys and eels		b) Mackerals and rob		
c) Lampreys and hag		d) Guppies and hag fishes		
140.Consider the following four statements (I-IV) about certain desert animals such as				
kangaroo rat.		,		
•	our and high rate of rep	roduction and excrete	solid urine.	
_	water, breathe at a slow			
covered with thick ha	airs.			
III.They feed on dry s	eeds and do not requir	e drinking water.		
IV.They excrete very	concenntated urine and	d do not use water to re	egulate body	
temperature.				
Which two of the abo	ve statements for such	animals are true?		
a) III and IV	b) II and III	c) III and I	d) I and II	

141. Which of the followin	g nephridia does not id	ound in earthworm?		
a) Septal nephridia		b) Macronephridia		
c) Integumentary nephridia		d) Pharyngeal nephridia		
142.Some of the statemen	ts are given below			
I. Porifera to Echinod	ermata lack a notochor	·d		
II. Platyhelminthes di	splay tissue level orgai	nisation		
III. Mesoglea is presei	nt in coelenterates dur	ing development		
IV. Aschelminthes are	coelomates			
Choose the correct op	tions			
a) I, II, II and IV are	b) I and II are True	c) I and III are True	d) II and III are True	
True				
143.Butterfly belongs to				
a) <b>Homoptera</b>	b) Procoptera	c) Hemiptera	d) Lepidoptera	
144. Which of the followin	g shows polymorphisn	n?		
a) <i>Physalia</i>	b) <i>Trypanosoma</i>	c) Termite	d) All of these	
145. Which one of the follo	wing animal has both	exoskeletal and endoske	eletal structures?	
a) Freshwater mussel	b) Tortoise	c) Frog	d) Jelly fish	
146. Which of the followin	g are also known as co	llar cells?		
a) Choanocytes	b) Pinocytes	c) Thesocytes	d) Cnidoblast	
147. Which of the followin	g does not belong to pl	nylum-Platyhelminthes?		
a) <i>Fasciola</i>	b) <i>Taenia</i>	c) <i>Wuchereria</i>	d) <i>Planaria</i>	
148. True segmentation is	also called	aze Li	03262	
a) Metagenesis				
b) Metamorphosis	NUNETR	I DIZDI I D	A DATESTO	
c) Metamerism	NEAT	LEVEL LE	ARNING	
d) Metasegmerism				
149.Two common charact	ers found in centipede	, cockroach and crab are		
a) Compound eyes an	d anal cerci	b) Jointed legs and chi	tinous exoskeleton	
c) <b>Green gland and tra</b>	acheae	d) Book lungs and ant	ennae	
150.A four chambered hea	art is not found in			
a) Mammals	b) Birds	c) Snake	d) Crocodile	
151. The function of typhlo	osole in earthworm			
a) Is to secrete digesti	ve juice			
b) Is to slowdown rate	e of passage of food			
c) Increase absorptive	e area of intestinal epit	helium		
d) Have no function				
152. Which is the smallest	known bird?			
a) Artic Tern	b) Hoopoe	c) <i>Streptopelia</i>	d) Bee humming bird	
153.Bidder's canal is foun	d in			
a) Testis of frog	b) Kidney of frog	c) Kidney of mammal	d) Ovary of mammal	
154. Which sound produci	ng organ is found in bi	rd?		
a) Pharynx	b) Larynx	c) Syrinx	d) Trachea	
155.Nidology is the study	of			
a) Cnidarians	b) Aschelminthes	c) Bird nests	d) Mammals	
156.The number of segme	ents on the anal cerci of	f cockroach is		

\ 12	1)45	\ 10	1) 1.6	
a) 12	b) 15	c) 18	d) 16	
157. The organs that assist	•	•	D ** 1:	
a) Hairy appendages	b) Mouth parts	c) Hemielytra	d) Halteres	
158.Mollusca is				
a) Triploblastic, Acoelomate		b) Triploblastic, coelor	b) Triploblastic, coelomate	
c) Diploblastic, Acoelo	omate	d) Diploblastic, coelomate		
159. Tube feet is the locom	otory organ in			
a) Star fish	b) Jelly fish	c) Silver fish	d) Scoliodon	
160.In the diagram of the	reproductive system of	earthworm A, B, C, D ar	nd E represents.	
b) <b>A-</b> Seminal vesicle, c) <b>A-</b> Spermathecae, <b>E</b>	<b>3-</b> Spermathecae, <b>C-</b> Pros <b>B-</b> Ovary, <b>C-</b> Accessor <b>3-</b> Seminal vesicle, <b>C-</b> O	y gland <b>D-</b> Spermathed ccessory gland <b>D-</b> Ovar	cae, E- Prostate gland, y, E- Prostate gland,	
161. Solenocytes are assoc		, ,		
a) Respiration	b) Digestion	c) Nutrition	d) Excretion	
162. The study of snakes is		,	,	
a) Herpetology	b) Ophiology	c) Saurology	d) Ornithology	
163. Among the following	. 1		••	
	b) Kangaroo		-	
164.Egg of cockroach give	_	-/ <b>F</b>	-,	
a) Nymph	b) Caterpillar	c) Larva	d) Pupa	
165. Choose the correct op	•	c) Eur vu	a) i upu	
a) Annelida – Exhibit l		b) Echinodermata – Ex	rhihit ticcuo lovol	
metamerism and co	•	organisation and ra		
	oit incomplete digestive			
<del>-</del>		=	iit on ventral side iii	
system and segmentation vertebrate  166. The animals belonging to phylum-Annelida use the following in locomotion				
_		b) Longitudinal and circular muscles		
a) Nephridia and nephridial pores				
c) Organs of bursa		d) Spicules and ostia		
167. Choanocyte in an ascon type of canal system, is lined by				
a) Porocyte	b) Incurrent	c) Apopyle	d) Spongocoel	
168. The zoological name of				
a) <i>Oryctolagus cuniculus</i>		b) <i>Lipus ruficaudatus</i>		

c) <i>Lipus nigricollis</i>		d) <i>Sorex araneus</i>	
169. Which one of the follo	wing is not a characteri	stic feature of sponges?	,
a) Cellular level of org	anization	b) Presence of ostia	
c) Intracellular digesti	ion	d) Body supported by	chitin
170. Undifferentiated totip	otent cells of sponges, a	re	
a) Archaeocytes	b) Porocytes	c) Trophocytes	d) Myocytes
171.Air bladder occurs in			
a) <i>Torpedo</i>	b) <i>Anabas</i>	c) <i>Scoliodon</i>	d) <i>Elasmobranch</i>
172. The secondary host of	f <i>Taenia saginata</i> is		
a) Cow	b) Pig	c) Dog	d) None of these
173.In echolocation, the ar	nimal that produces high	h frequency sounds is	
a) Monkey	b) Butterfly	c) Squirrel	d) Bat
174.Common feature in ea	· •		,
a) Cuticle (exoskeletor		b) Solid and ventral ne	rve cord
c) <b>Nephridia</b>	•	d) Malpighian tubules	
175.Secondary radial sym	metry is found in	, 10	
a) Cnidaria	b) Jelly fish	c) Echinodermata	d) Hemichordata
176.When the body is exte	, ,	•	
	b) False segmentation	_	d) Asegmentation
, g	,	segmentation	,8
177.Abdominal ganglia in	cockroach are found in	40000	00000
/07 / / / / / / / / / / / / / / / / / /	b) 1, 2, 3, 4, 5 and 6	7 - TO - AP Allow D. U	d) 8, 9 and 10
178. Siphonophora is the o		1-7-7-7-7	
a) Protozoa		c) Porifera	d) Annelida
179. Which of the following	13.1 (m. X	1 1- 1/ 1-1	ARNING
a) Three chambered h		b) Cold blooded anima	ls
c) Absence of scales		d) All of these	
180. The excretory organ in	n cockroach is		
a) Malpighian corpuscle	b) Malpighian tubules	c) Hepatic caecae	d) Metanephridia
181. Which of the following	g is correctly states as it	happens in the commo	on cockroach?
	ted by haemoglobin in b		<del></del> -
b) Nitrogenous excrete		-	
_	by mandibles and gizza	rd	
=	are excretory organs pr		olon
182.Connecting link between		-	01011
a) <i>Peripatus</i>	b) <i>Balanoglossus</i>	c) <i>Sphenodon</i>	d) <i>Tachyglossus</i>
183.Canal system is presen		c <sub>i</sub> opiichodoli	a <sub>l</sub> raciiygiossus
a) Annelida	b) Porifera	c) Acanthocephala	d) Echinodermata
•	•	c) Acanthocephala	u/ Ecimiouel Illata
184. Which of the following		a) Tarmitas	d) Cnidon
a) Locust	b) <i>Lepisma</i>	c) Termites	d) Spider
185. Which of the following			al) D a side
a) Echinodermata	b) Mollusca	c) Chordata	d) Porifera
186.One of the characteris		\ <b>77</b> 71	17.38.47
a) Predation	b) Matamerism	c) Hibernation	d) Mimicry

187. Which animals belor	ng to sub-phylum Urocho	ordata?		
a) Branchistoma and <i>Lancelet</i>		b) Salpa and Lancelet		
c) <i>Ascidia</i> and <i>Doliol</i>	'um	d) Salpa and Amphio	d) <i>Salpa</i> and <i>Amphioxus</i>	
188.In which of the follow	wing organisms, self-fer	tilization is seen?		
a) Fish	b) Roundworm	c) Earthworm	d) Liver fluke	
189.Metachrosis is an an	imal's			
a) Ability to undergo transformation		b) Ability to change according to season		
c) Ability to change o	colour	d) Ability to stay still for long periods of time		
190.Which of the following	ng statements are correc	ct?		
I.Venom of cobra is r	neurotoxic.			
II.Venom of sea snak	e is neurotoxic.			
III.Venom of viper is	haemotoxic.			
a) I, II and III	b) I and III	c) I and II	d) <b>II and III</b>	
191. Which one of the foll	owing is correctly matcl	hed regarding earthwo	rm?	
a) Buccal cavity – 1st	to 5 <sup>th</sup> segment	b) Stomach – 11 <sup>th</sup> to 1	2 <sup>th</sup> segment	
c) Typhlosole -26th to	o 95 <sup>th</sup> segment	d) Testes – $10^{th}$ to $14^{t}$	<sup>th</sup> segment	
192. Which one of the foll	owing animals is correc	tly matched with its on	e characteristic and the	
taxon?				
Animal	Characteristic	Taxon		
a) Millipede	Ventral nerve cord	Arachnida Mamma	ılia	
b) Duck-billed platyp	ous Oviparous	Mammalian	MEROE	
c) Silver fish	Pectoral and pelvic fi	ins Chordata	C122C2	
d) Sea anemone	Triploblastic	Cnidaria		
193. Torsion of visceral m	ass is seen in animals b	elonging to class	A DATING	
a) Cephalopoda	b) Scaphopoda	c) Amphineura	d) <b>Gastropod</b> a	
194. Which one is not cor	rect?			
a) Humans-Ureotelic	b) Birds-Uricotelic	c) Lizards-Uricotelic	d) Whale-Ammonotelic	
195. Which of the following	ng animals can successfu	ully reproduce without	utilizing the process of	
mitosis?				
a) <i>Amoeba</i>	b) <i>Hydra</i>	c) <b>Tapeworm</b>	d) <i>Sycon</i>	
196.Alteration of generat	tion is also called			
a) Metamorphosis	b) Metastasis	c) Metazoan	d) Metagenesis	
197. Which of the following	ng is the generic name o	f an extinct ancient liza	rd bird?	
a) <i>Archaeopteryx</i>	b) <i>Bulbulcus</i>	c) <i>Dodo</i>	d) None of the above	
198.Choose the correct o	ption with regards to Ch	nondrichthyes		
a) Presence of swim	bladders that help them	to maintain bouyancy		
b) These are usually	ammoniotelic animals			
c) Statement (b) is tr	ue, but (a) is false			
d) Both statements (	a) and (b) are false			
199. Members of phylum	-Porifera are			
a) Exclusively marine	e animals	b) Exclusively freshw	ater animals	
c) Mostly freshwater	animals but few are	d) Mostly marine anim	d) Mostly marine animals but few are	
marine animals		freshwater animal:	S	
200. The anterior V-spot	in microfilaria of <i>Wuche</i>	ereria represents		
a) Nerve ring		b) Cervical papilla		

