

701. Which of the follow	ing animals sows discont	inuous distribution?	
a) Green muscle	b) Bats	c) Lung fish	d) Pacific salmon
702.Excretion in phylun	n-Porifera is		
a) Ureotelic	b) Uricotelic	c) Ammoniotelic	d) Aminotelic
703.Body of earthworm	is divided into how many	y similar segments, wh	ich are called metameres
or somites?			
a) 60 to 120	b) 100 to 120	c) 80 to 120	d) 120 or more
704. Arthropods are cha	racterized by		
a) Jointed appendag	ges	b) Open blood vascul	ar system
c) Triploblastic		d) All of the above	
705. Which of the follow	ing respires through gills	?	
a) Whale	b) Turtle	c) Frog	d) Prawn
706.Annelids have a cen	tral nerve cord that is		
a) Impermeable to I	K+ b) Hollow	c) Dorsal	d) Ventral
707. Animals that do not	belong to class-Crustace	a include	lasses
a) Lobster and daph	inia	b) Millipede and Cent	tipede
c) Crab and shrimp		d) None of the above	
708. Urochordate anima	ls have	LEVEL LI	EARNING
a) Notochord that e region	xtends from head to tail	b) Notochord is prese stages and adult li	ent throughout larval fe
c) Notochord prese	nt only in adult stages	d) Notochord present	t only in larval stage
709. Thigmotaxis is not s	shown by		
a) <i>Paramecium</i>	b) <i>Amoeba</i>	c) <i>Ascaris</i>	d) <i>Hydra</i>
710.In a copulating pair	of earthworm, which two	o processes take place?	
a) External fertiliza	tion and cross fertilization	n b) Cross fertilization fertilization	and reciprocal
c) Internal fertilizat	ion and cross fertilization	n d) Reciprocal fertilization	ation and internal
711.The second largest	number of species contai	ning phylum in the ani	mal kingdom is
a) Annelida	b) Arthropoda	c) Mollusca	d) Chordata
712. Which of the follow	ing statements is false?		
a) Male round worn	n is smaller than female		
b) Earthworms are	hermaphrodites		
c) Echinoderms are	protostomous coelomate	es	
d) Human teeth are	anatomically comparable	e to scales of shark	
713.Limbless amphibiai			
a) Paddle worms	b) Glow worms	c) Caecilian worms	d) Pin worms
714.Salient feature of A	rthropoda is		

a) Aquatic and free living	b) Chitinous exoskelet appendages	ton and jointed
c) Both (a) and (b)	d) None of the above	
715. Which of the following are absent in snakes?	·	
a) Pectoral girdle b) Urinary bladder	c) Sternum	d) All of these
716. Which of the following is not a Porifera	c) Sternam	d) Thi of these
a) Sycon b) Spirulina	c) <i>Euspongia</i>	d) <i>Spongilla</i>
717. Tube-feet are the locomotory organs of	c) Luspongia	a) Spongma
a) Platyhelminthes b) Echinodermata	c) Mollusca	d) Arthropoda
	,	d) Arthropoda
718. Which one of the following characters is not	b) Thecodont dentitio	
a) Seven cervical vertebrae	,	П
c) Ten pairs of cranial nerves	d) Alveolar lungs	
719.In cockroach, which of the following is the pr	=	1.
a) Supraoesophageal ganglia	b) Suboesophageal ga	nglia
c) Metathoracic ganglia	d) Abdominal ganglia	
720.Excretory organs in <i>Taenia</i> are		
a) Flame cells b) Nephridia	c) Nephrons	d) Kidneys
721. How many eggs are found in egg chamber of		
a) 2 b) 4	c) 8	d) 16
722.A dorsal horn is present on the of mult	10000	
a) 8 th abdominal segment	b) 6th abdominal segment	17 - 10 Van. Van. (Smith Van.
c) 5 th abdominal segment	d) 2 nd thoracic segmen	it 19959
723.In <i>Hydra</i> , reproduction occurs in favourable	conditions by	
a) Budding b) Gametes	c) Gemmules	d) Binary fission
70 4 7471 : 1		
724. Which of the following are amphibians?	that had Y dask dad dask dask	ATMINITY (S
724. Which of the following are amphibians?		ARIVING
a) A and C b) B and D	c) <i>C</i> and <i>D</i>	d) A and D
A B B D	•	•
a) A and C b) B and D	•	
a) A and C b) B and D 725. Which of the following is an exclusive characteristic A	eter of class-Mammalia?	n
a) A and C b) B and D 725. Which of the following is an exclusive character a) Homoiothermy	ter of class-Mammalia? b) Internal fertilizatio	n
a) A and C b) B and D 725. Which of the following is an exclusive charactal Homoiothermy c) Presence of a 4-chambered heart	ter of class-Mammalia? b) Internal fertilizatio d) Presence of a musc	n
a) A and C b) B and D 725. Which of the following is an exclusive charactal Homoiothermy c) Presence of a 4-chambered heart 726. Skeletal system in echinoderms is	ter of class-Mammalia? b) Internal fertilizatio d) Presence of a musc	n
a) A and C b) B and D 725. Which of the following is an exclusive charactal Homoiothermy c) Presence of a 4-chambered heart 726. Skeletal system in echinoderms is a) Formed by the distension of the water vas	ter of class-Mammalia? b) Internal fertilizatio d) Presence of a musc	n
a) A and C b) B and D 725. Which of the following is an exclusive charactal Homoiothermy c) Presence of a 4-chambered heart 726. Skeletal system in echinoderms is a) Formed by the distension of the water vas b) Calcareous exoskeleton	ter of class-Mammalia? b) Internal fertilizatio d) Presence of a musc	n
a) A and C b) B and D 725. Which of the following is an exclusive charactal Homoiothermy c) Presence of a 4-chambered heart 726. Skeletal system in echinoderms is a) Formed by the distension of the water vast b) Calcareous exoskeleton c) Siliceous endoskeleton d) None of the above	ter of class-Mammalia? b) Internal fertilizatio d) Presence of a musc cular system	n ular diaphragm
a) A and C b) B and D 725. Which of the following is an exclusive charactal Homoiothermy c) Presence of a 4-chambered heart 726. Skeletal system in echinoderms is a) Formed by the distension of the water vas b) Calcareous exoskeleton c) Siliceous endoskeleton	ter of class-Mammalia? b) Internal fertilizatio d) Presence of a musc cular system	n ular diaphragm

a) Mollusca	b) Echinodermata	c) Arthropoda	d) Cnidaria
729. Tadpole's tail is a/an			
a) Excretory organ	b) Attachment organ	c) Respiratory organ	d) Locomotory organ
730.The largest phylum in	respect of number of s	species is	
a) Coelenterata	b) Arthropoda	c) Protozoa	d) Porifera
731.Read the following pa	ragraph.		
	=		al condition, while they
		ct gives an economically	important substance
	nge of its development.		
The insect is			
a) <i>Anopheles</i>	b) <i>Laccifer</i>	c) <i>Bombyx</i>	d) <i>Apis</i>
732. Which of the following	•		
= = = = = = = = = = = = = = = = = = =	llular level of organisat	tion	
II. Arthropoda are tru			
III. Platyhelminths are	=		
IV. Ctenophora have b			
Choose the correct op		o\ Land IV are True	d\ II III and IV are
a) I and II are True	b) Only II are True	c) I and IV are True	d) II, III and IV are True
733. Which of the followin	g is not a defence evolv	ved by a prev to avoid p	
a) Ejection of noxious	The state of the s	b) Possession of toxic	
c) Mimicry of inedible	AST NS. 1014/2014 (1204)	d) Secretion of pheror	ARTHUR AR
734. The correct sequence		TOTAL PROPERTY OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON	WORNER ALLERY READY WORLD' ALLERY
a) Tibia, trochanter, fe			ibia, femur and tarsus
c) Coxa, femur, trocha	The state of the state of	d) Coxa, trochanter, fe	the state of the state of the state of
735.The function of iris in		a, doxa, trochanter, re	inar, abia ana tarsus
a) Alter the size of pu		b) Move nictitating me	emhrane
c) Refract light rays	511	d) Move the lens forw	
736.Which of the following	p nairs is correct?	a, riove the lens for w	ara ana baonwara
a) Annelida – Polycha		b) Arthropoda – Crust	acea – cockroach
c) Mollusca – Cephalo		d) Protozoa – <i>Hydra</i>	dece coem ouen
737.Which one of the follo		•	vith its one
	without even a single		
	_	n an upper and a lower j	jaw
-	ossess cartilaginous en	= = :	
c) Mammalia – give bi			
d) Reptilia – possess 3	-chambered heart with	n one incompletely divid	ded ventricle
738.Chitin as exoskeleton	is found in		
a) <i>Periplaneta</i>	b) <i>Ascaris</i>	c) <i>Pheretima</i>	d) <i>Hydra</i>
739.In <i>Pheretima</i> , the glan	ds that help in binding	the worms during copi	ulation are
a) Prostate glands	b) Albumin glands	c) Accessory glands	d) Mucous glands
740. Which one of the follo	wing animals lay eggs	yet the female secretes	milk?
a) Bat	b) Kangaroo	c) <i>Platypus</i>	d) Ostrich
741. <i>Taenia solium</i> derives	•		•
a) Nucleic acids	b) Amino acids	c) Glycogen	d) Glycerol
•	•		. •

		ent is incorrect fo placoid scales	or animals belo	onging to class of Cho b) Absence of air bl	
c)	Presence of	cartilaginous enc	doskeleton	d) Notochord is per after that it disap	sistent only at larval stage, opears
743.Pc	ouched mami	mals are			
a)	Prototheriar	ns b) Metat	herians	c) Eutherians	d) Therians
744. <i>A</i> .	<i>scaris</i> is				
a)	A parasite			b) An autotroph	
	Facultative a	utotroph		d) Facultative heter	otrophy
		he following mat	ch is incorrec		
	Column I	Column I			
a)	Garden	Hemidactylus	Γ		
,	lizard	flavirisidis			
b)		Varanus			
,	lizard				
c)	Worm	Rhineura			
,	lizard				
d)	Collared	Iguana			
,	lizard	8			
746.Tł	ne colour of t	he body in earth	worm is brow	n due to	_
	Porphyrin	b) Haem	40).	c) Blood	d) Haemocyanin
	A 10 TA 10 T	a have the follow	AL DO DE SE SE	aze 🕻	IOSSES
		d Malpighian tub		b) Tracheae and gre	een glands
		nd coxal glands	THITTE	d) Gills and antenna	_
	udding is fou		NEXI	LEVEL L	EARNING
	Sycon	b) <i>Hydra</i>	a	c) <i>Fasciola</i>	d) <i>Obelia</i>
749.W	hich one of t	he following is n	ot used in orga	anic farming?	
a)	Glomus	b) Earth	worm	c) <i>Oscillatoria</i>	d) Snail
750.Hi	ighest degree	of polymorphis	m is found in		
a)	Protozoa	b) Cnida	ria	c) Platyhelminthes	d) Arthropoda
751. B c	otryoidal tiss	ue is found in			
a)	Hirudinea	b) Polyc	haeta	c) Oligochaeta	d) All of these
752. T ł	ne sea snakes	have			
a)	Cylindrical t	ail		b) Dry horny scale a	at tail end
c)	Laterally cor	npressed tail		d) Dorso-ventrally f	lattened tail
753.W	hich one of t	he following corr	rectly describe	es the location of son	ne body parts in the
ea	irthworm <i>Ph</i>	eretima?			
a)	Two pairs of	faccessory gland	s in 16-18 seg	ments	
b)	Four pairs of	f spermathecae i	n 4-7 segment	ts	
c)	One pair of o	varies attached	at intersegme	ntal septum of $14^{ m th}$ a	nd 15 th segments
d)	Two pairs of	testes in $10^{ ext{th}}$ an	d 11 th segmen	its	
754. <i>Ta</i>	achyglossus i	is a connecting li	nk between		
a)	Reptiles and	birds		b) Amphibians and	reptiles
c)	Birds and ma	ammals		d) Reptiles and mar	nmals
755.Ra	adial symmet	ry is seen in			

a) <i>Hydra</i>	b) <i>Schistosoma</i>	c) <i>Taenia</i>	d) <i>Fasciola</i>
756.Which of the foll	lowing phylum or class exh	nibit the presence of a n	otochord?
a) Arthropods		b) Echinodermata	
c) Chondrichthy	es	d) Porifera	
757.Which of the foll	lowing is correctly matche	d?	
a) <i>Wallago attu</i> -	- Cat fish	b) <i>Tengra</i> – Carp	
c) <i>Catla catla</i> – C	at fish	d) Payas – Carp	
758. <mark>In contrast to an</mark>	nelids, the Platyhelminthe	es show	
a) Radial symme	etry	b) Presence of pseu	docoel
c) Bilateral symr	metry	d) Absence of body	cavity
759.In <i>Pheretima</i> , th	e anterior loops carry bloc	od from	
a) Commissural	blood vessels	b) Ventral blood ves	ssels
c) Supraoesophageal		d) Lateral oesophag	geal
760.The enteroneph	ric nephridia in <i>Pheretima</i>	consists which of the fe	ollowing parts given
below?			
I. A nephrosto			
II. Terminal ne	_		
III. Septal excre	•		
	inal excretory canal		
_	valled excretory canal		1
	- \ 1 111 117 17	a\ III IV V	4/ I III IV
a) II, V	b) I, III, IV, V	c) III, IV, V	d) I, III, IV
761.Blastula of frog l	has	iaze C	lasses
761.Blastula of frog l a) Blastopore	has b) Blastocoel	c) Archenteron	d) I, III, IV
761.Blastula of frog h a) Blastopore 762.Which of the foll	has b) Blastocoel lowing is not found in <i>Hyd</i>	c) Archenteron <i>Tra</i> ?	d) Gastropore
761.Blastula of frog h a) Blastopore 762.Which of the foll a) Epithelio-mus	has b) Blastocoel lowing is not found in <i>Hyd</i>	c) Archenteron <i>Ira</i> ? b) Cnidocyte	lasses
761.Blastula of frog h a) Blastopore 762.Which of the foll a) Epithelio-mus c) Choanocyte	has b) Blastocoel lowing is not found in <i>Hyd</i> scular cells	c) Archenteron <i>Tra</i> ?	d) Gastropore
761.Blastula of frog h a) Blastopore 762.Which of the foll a) Epithelio-mus c) Choanocyte 763.An egg laying ma	has b) Blastocoel lowing is not found in <i>Hyd</i> scular cells ammal is	c) Archenteron Ira? b) Cnidocyte d) Nerve cells	d) Gastropore
a) Blastula of frog h a) Blastopore 762. Which of the foll a) Epithelio-mus c) Choanocyte 763. An egg laying ma a) <i>Delphinus</i>	has b) Blastocoel lowing is not found in <i>Hyd</i> scular cells ammal is b) <i>Macaca</i>	c) Archenteron 'ra? b) Cnidocyte d) Nerve cells c) <i>Ornithorhynchus</i>	d) Gastropore E.A. R.M.I.M.G. s d) <i>Macropus</i>
761.Blastula of frog h a) Blastopore 762.Which of the foll a) Epithelio-mus c) Choanocyte 763.An egg laying ma a) <i>Delphinus</i>	has b) Blastocoel lowing is not found in <i>Hyd</i> scular cells ammal is b) <i>Macaca</i> lowing have the highest nu	c) Archenteron Ira? b) Cnidocyte d) Nerve cells c) Ornithorhynchus	d) Gastropore A P N I N I S S S S S S S S S S S S S S S S
a) Blastula of frog h a) Blastopore 762.Which of the foll a) Epithelio-mus c) Choanocyte 763.An egg laying ma a) <i>Delphinus</i> 764.Which of the foll a) Insects	b) Blastocoel lowing is not found in <i>Hyd</i> scular cells ammal is b) <i>Macaca</i> lowing have the highest nu b) Birds	c) Archenteron Ira? b) Cnidocyte d) Nerve cells c) Ornithorhynchus umber of species in natu c) Angiosperms	d) Gastropore A P N I N G s d) <i>Macropus</i> ure? d) Fungi
a) Blastula of frog h a) Blastopore 762. Which of the foll a) Epithelio-mus c) Choanocyte 763. An egg laying ma a) <i>Delphinus</i> 764. Which of the foll a) Insects	b) Blastocoel lowing is not found in <i>Hyd</i> scular cells ammal is b) <i>Macaca</i> lowing have the highest nu b) Birds	c) Archenteron Ira? b) Cnidocyte d) Nerve cells c) Ornithorhynchus amber of species in natu c) Angiosperms rculatory system of cocl	d) Gastropore A A A A A A A A A A A A A A A A A A A
a) Blastula of frog h a) Blastopore 762.Which of the foll a) Epithelio-mus c) Choanocyte 763.An egg laying ma a) <i>Delphinus</i> 764.Which of the foll a) Insects 765.Which of the foll a) It is present of	b) Blastocoel lowing is not found in <i>Hyd</i> scular cells ammal is b) <i>Macaca</i> lowing have the highest nub) Birds lowing is correct for the circuit the dorsal side and it has	c) Archenteron Ira? b) Cnidocyte d) Nerve cells c) Ornithorhynchus umber of species in natu c) Angiosperms rculatory system of cocks thirteen units of heart	d) Gastropore F. A. P. M. M. Gastropore G. d) Macropus ure? d) Fungi kroach? in abdominal region
a) Blastula of frog h a) Blastopore 762. Which of the foll a) Epithelio-mus c) Choanocyte 763. An egg laying ma a) <i>Delphinus</i> 764. Which of the foll a) Insects 765. Which of the foll b) It is present of	b) Blastocoel lowing is not found in <i>Hyd</i> scular cells ammal is b) <i>Macaca</i> lowing have the highest nub) Birds lowing is correct for the cing the dorsal side and it has not the ventral side and it has	c) Archenteron (ra? b) Cnidocyte d) Nerve cells c) Ornithorhynchus amber of species in natu c) Angiosperms rculatory system of cock s thirteen units of heart as ten abdominal and th	d) Gastropore A PANIMA S d) <i>Macropus</i> nre? d) Fungi kroach? in abdominal region ree thoracic units of hear
a) Blastula of frog ha) Blastopore 762. Which of the following a) Epithelio-mustory c) Choanocyte 763. An egg laying material a) Delphinus 764. Which of the following a) Insects 765. Which of the following b) It is present of c)	b) Blastocoel lowing is not found in <i>Hyd</i> scular cells ammal is b) <i>Macaca</i> lowing have the highest nub; b) Birds lowing is correct for the cire n the dorsal side and it has n the ventral side and it has	c) Archenteron Ira? b) Cnidocyte d) Nerve cells c) Ornithorhynchus mber of species in natu c) Angiosperms rculatory system of cock s thirteen units of heart as thirteen units of hear	d) Gastropore d) Macropus re? d) Fungi kroach? in abdominal region ree thoracic units of hear t in abdominal region
a) Blastula of frog ha) Blastopore 762. Which of the foll a) Epithelio-mus c) Choanocyte 763. An egg laying ma a) Delphinus 764. Which of the foll a) Insects 765. Which of the foll b) It is present of c) It is present of	b) Blastocoel lowing is not found in <i>Hyd</i> scular cells ammal is b) <i>Macaca</i> lowing have the highest nub; b) Birds lowing is correct for the cin n the dorsal side and it has n the ventral side and it has n the dorsal side and it has	c) Archenteron Ira? b) Cnidocyte d) Nerve cells c) Ornithorhynchus mber of species in natu c) Angiosperms rculatory system of cock s thirteen units of heart as thirteen units of hear	d) Gastropore d) Macropus re? d) Fungi kroach? in abdominal region ree thoracic units of hear t in abdominal region
a) Blastula of frog ha) Blastopore 762. Which of the following a) Epithelio-mustory c) Choanocyte 763. An egg laying material a) Delphinus 764. Which of the following a) Insects 765. Which of the following b) It is present of c)	b) Blastocoel lowing is not found in <i>Hyd</i> scular cells ammal is b) <i>Macaca</i> lowing have the highest nub; b) Birds lowing is correct for the cin n the dorsal side and it has n the ventral side and it has n the dorsal side and it has	c) Archenteron Ira? b) Cnidocyte d) Nerve cells c) Ornithorhynchus mber of species in natu c) Angiosperms rculatory system of cock s thirteen units of heart as thirteen units of hear	d) Gastropore d) Macropus re? d) Fungi kroach? in abdominal region ree thoracic units of hear t in abdominal region
a) Blastula of frog ha) Blastopore 762. Which of the foll a) Epithelio-mus c) Choanocyte 763. An egg laying ma a) Delphinus 764. Which of the foll a) Insects 765. Which of the foll b) It is present of c) It is present of	b) Blastocoel lowing is not found in Hydescular cells ammal is b) Macaca lowing have the highest nub; Birds lowing is correct for the cirent the dorsal side and it has not the ventral side and it has not the dorsal side and it has sent in frog?	c) Archenteron (ra? b) Cnidocyte d) Nerve cells c) Ornithorhynchus mber of species in natu c) Angiosperms rculatory system of cock s thirteen units of heart as ten abdominal and the sten abdominal and the	d) Gastropore d) Macropus re? d) Fungi kroach? in abdominal region ree thoracic units of hear t in abdominal region
a) Blastula of frog ha) Blastopore 762. Which of the following a) Epithelio-mustory Choanocyte 763. An egg laying material a) Delphinus 764. Which of the following a) Insects 765. Which of the following b) It is present of the following and the f	b) Blastocoel lowing is not found in Hydescular cells ammal is b) Macaca lowing have the highest nub; Birds lowing is correct for the cinn the dorsal side and it has in the ventral side and it has in the dorsal side and it has in the dorsal side and it has in the forsal side and it has in the dorsal side and it has sent in frog?	c) Archenteron (ra? b) Cnidocyte d) Nerve cells c) Ornithorhynchus mber of species in natu c) Angiosperms rculatory system of cock s thirteen units of heart as ten abdominal and the sten abdominal and the	d) Gastropore d) Macropus re? d) Fungi kroach? in abdominal region ree thoracic units of hear t in abdominal region ree thoracic units of hear