



Alfred Sherwood Romer

A **palaeontologist** par excellence, comparative anatomist and a specialist in the study of **vertebrate evolution**.

Animal Diversity - I

The 'Bioarchitecture' of the 'Chordates' and the 'Emerging Bioarchitect'



Overview

Registration ▾

Syllabus ▾

Q

The functions of enteronephric nephridia of *Pheretima*.

ఫెరిటిమా లోని ఆంత్రవృక్కాల విధులు

Options :

Osmoregulation and excretion

28393618101. ✓ ద్రవాభిసరణ క్రమత, విసర్జన

Excretion and digestion

28393618102. ✗ విసర్జన, జీర్ణక్రియ

Digestion and respiration

28393618103. ✗ జీర్ణక్రియ, శ్వాసక్రియ

Osmoregulation and digestion

28393618104. ✗ ద్రవాభిసరణ క్రమత, జీర్ణక్రియ

Question Number : 47 Question Id : 2839364527 Question Type : MCQ Option Shuffling : Yes Display
Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time :
N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Jaw less fish like vertebrates are.

దౌడలు లేని చేపల వంటి సకశేరుకాలు

Options :

Tunicates

28393618105. ✗ ట్యూనికేట్లు

Osteichthys

28393618106. ✗ ఆస్టిక్థిస్

Cyclostomes

28393618107. ✓ సైక్లోస్టోంలు

Apods

28393618108. ✗ ఏపోడా జీవులు

Question Number : 48 Question Id : 2839364528 Question Type : MCQ Option Shuffling : Yes Display

Also Check:

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Answer Key



Match the following

క్రింది వాటిని జతపరచండి

List – I

List – II

A Ctenophora

టీనోఫోరా

I Triploblastic and acoelomates

త్రిస్తరిత మరియు శరీర కుహర రహిత

B Nematoda

నెమటోడా

II Lasso cells and bioluminescence

లాసోకణాలు మరియు జీవ సందీప్తి

C Platyhelminthes

ప్లాటీహెల్మింథిస్

III Renette gland and radial symmetry

రెనెట్ గ్రంథి మరియు వలయ సౌష్ఠ్యం

D Echinodermata

ఇక్టినోడెర్మటా

IV Adults radial symmetry, larvae bilateral symmetry

ప్రౌఢ జీవులు వ్యాసార్థ సౌష్ఠ్యం, డింభకాలు ద్విపార్శ్వ సౌష్ఠ్యం

V Renette gland and amphids

రెనెట్ గ్రంథి మరియు ఆంఫిడ్ లు

Options :

28393616189. ✖ A – IV,

B – I,

C – II,

D-V

28393616190. ✖ A – III,

B – II,

C – I,

D – IV

28393616191. ✔ A – II,

B – V,

C – I,

D – IV

28393616192. ✖ A – II,

B – III,

C – IV,

D – V



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Study the following and pick up the correct combinations

S.No.	Phylum	Salient feature	Example
I	Porifera	Cnidoblasts	<i>Sycon</i>
II	Cnidaria	Tissue level organisation	<i>Adamsia</i>
III	Annelida	Malpighian tubules	<i>Nereis</i>
IV	Echinodermata	Water vascular system	<i>Antedon</i>

క్రింది అంశాలు అధ్యయనం చేసి సరైన మేళవింపులను గుర్తించండి :

వ.సం.	వర్గం	ముఖ్య లక్షణం	ఉదాహరణ
I	పోరిఫెరా	దంశకణాలు	సైకాన్
II	నిడేరియా	కణజాల స్థాయి నిర్మాణం	ఎడామ్సియా
III	అనెలిడా	మాల్పిగియన్ నాళికలు	నీరిస్
IV	ఇక్టెనోడర్మీటా	జల ప్రసరణ వ్యవస్థ	యాంటీడాన్

Options :

28393616821. ✖ I, II

28393616822. ✖ III, IV

28393616823. ✖ I, III

28393616824. ✔ II, IV



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Statement I : Cestodes lack digestive system

Statement II : Arachnids have green glands for excretion

అంశం I : సెస్టోడ్స్ లో జీర్ణవ్యవస్థ ఉండదు.

అంశం II : ఎరాక్నిడ్స్ లో హరిత గ్రంథులు విసర్జకావయవాలు

The correct option among the following is

ఈ క్రింది ఐచ్ఛికాలలో సరియైనది

Options :

Both statement I and statement II are correct

28393616825. ✖ అంశం I, అంశం II సరైనవి

Both statement I and statement II are false

28393616826. ✖ అంశం I, అంశం II సరైనవి కావు

Statement I is correct. But statement II is false

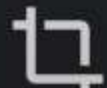
28393616827. ✔ అంశం I సరైనది. కాని అంశం II సరైనది కాదు.

Statement I is false. But statement II is correct

28393616828. ✖ అంశం I సరైనది కాదు. కాని అంశం II సరైనది



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Study the following and pick up the correct statements:

- I) Most of the adult gastropods exhibit asymmetry
- II) In schizocoelomates, 4d cell forms the mesoderm
- III) Cnidarians are eucoelomates
- IV) Nematodes are acoelomates

Options :



I, II only

1. ✓

II, III only

2. ✗

III, IV only

3. ✗

I, IV only

4. ✗



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Match the following :

List-I	List-II
A) <i>Obelia</i>	I) Sea anemone
B) <i>Adamsia</i>	II) Sea pen
C) <i>Penmatula</i>	III) Sea fan
D) <i>Gorgonia</i>	IV) Sea fur

The correct match is

Options :

1. ✖

A	B	C	D
IV	I	III	II

2. ✖

A	B	C	D
IV	II	I	III

3. ✔

A	B	C	D
IV	I	II	III

4. ✖

A	B	C	D
I	IV	III	II



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Study the following and pick up the incorrect statement.

Options :

In *Pheretima*, integumentary nephridia are found in 4th, 5th and 6th segments only

1. ✓

Tubifex is an oligochaete found in fresh water

2. ✗

Trichinella is a round worm included in class Aphasmidia

3. ✗

Cestodes exhibit pseudometamerism

4. ✗



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Study the following statements regarding unisexual annelids.

- I) These are bristle worms
- II) Gonoducts are present
- III) Head is distinct with sense organs
- IV) Internal fertilisation

The correct statements are

Options :

I, III only

1. ✓

II, IV only

2. ✗

I, II only

3. ✗

III, IV only

4. ✗



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Match the following:

Classes	Examples
A) Demospongiae	I) <i>Corallium</i>
B) Anthozoa	II) <i>Beroe</i>
C) Hydrozoa	III) <i>Euplectella</i>
D) Nuda	IV) <i>Obelia</i>
	V) <i>Chalina</i>

The correct match is

Options :

1. ✖

A	B	C	D
V	I	IV	III

2. ✖

A	B	C	D
II	IV	I	V

3. ✔

A	B	C	D
V	I	IV	II

4. ✖

A	B	C	D
III	V	IV	I



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Lepisma is commonly known as

Options :

1. Jelly fish

✖

2. Cuttle fish

✖

3. Devil fish

✖

4. Silver fish

✔

Question Number : 50 Question Id : 1056151650 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time
: N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Special excretory organs are absent in

Options :

1. *Ophiura*

✔

2. *Saccoglossus*

✖

3. *Balanus*

✖

4. *Periplaneta*

✖



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Study the following statements and pick up the incorrect statements.

I) The animals with radial symmetry are sessile, planktonic or sluggish.

II) Platyhelminths are acoelomates.

III) Persistent blastocoel becomes coelom in coelomates.

IV) Molluscs are enterocoelomates.

Options :

1. ✖



I, III only

2. ✖

II, IV only

3. ✖

I, II only

4. ✔

III, IV only



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Read the following statements and find out incorrect ones.

- I) Larvae of sponges morphologically different from adults.
- II) Comb plates help in locomotion and food collection.
- III) *Adamsia* is sessile and cylindrical form.
- IV) *Hydra* exhibits polymorphism.

Options :

I, II only

1. ✖

II, III only

2. ✖

3. ✖

I, III only

II, IV only

4. ✔



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Study the following statements and pick up the incorrect one.

Options :

1. ✖ Primary function of flame cells of flat worms is osmoregulation
2. ✖ Amphids are the sense organs of round worms
3. ✖ Body cavity of hirudineans is filled with botryoidal tissue
4. ✔ In *Pheretima* blood glands are present in 6th, 7th and 8th segments

Question Number : 50 Question Id : 1056151970 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes Is Question Mandatory : No Calculator : None Responses : N.A Think Time : N.A Minimum Instruction Time : 0



Correct Marks : 1 Wrong Marks : 0

The stomach of the animals of this class contains a crystalline style

Options :

1. ✖ Scaphopoda
2. ✔ Pelecypoda
3. ✖ Cephalopoda



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The stomach of the animals of this class contains a crystalline style

Options :

Scaphopoda

1. ✖

Pelecypoda

2. ✔

Cephalopoda

3. ✖

Gastropoda

4. ✖



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Which of the following is not a triploblastic phylum?

Options :

Ctenophora

1. ✓

Hemichordata

2. ✗

Platyhelminthes

3. ✗

Echinodermata

4. ✗

Question Number : 45 Question Id : 1056152285 Question Type : MCQ Option Shuff

Display Question Number : Yes Is Question Mandatory : No Calculator : None Resp

: N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Identify the retroperitoneal organ from the following.

Options :

Heart

1. ✗

Kidney

2. ✓

Gonad

3. ✗

4. ✗



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The function of parapodia is

Options :

1. Burrowing
2. Swimming
3. Food collection
4. Visual sense

Question Number : 50 Question Id : 1056152290 Question Type : MCQ Option Shuff

Display Question Number : Yes Is Question Mandatory : No Calculator : None Resp

: N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Antennary glands are the excretory organs of

Options :

1. Chilopoda
2. Diplopoda
3. Arachnida
4. Crustacea



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The triploblastic animals that exhibit asymmetry in adult stage are

Options :

1. ✖ Echinoderms

2. ✖ Cnidarians

3. ✖ Sponges

4. ✔ Gastropods



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Match the following

Larva	Animals
A) Bipinnaria	I) Sea urchins
B) Auricularia	II) Brittle stars
C) Ophiopluteus	III) Star fishes
D) Doliolaria	IV) Sea lilies
E) Echinopluteus	V) Sea cucumbers

The correct match is

Options :

A B C D E
III IV V I II

1. ✖

A B C D E
II III I IV V

2. ✖

A B C D E
III V II IV I

3. ✔



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Study the following table and pick up the correct combinations.

S.No	Class	Common name of animals	Special feature
I)	Echinoidea	Sea urchins	Aristotle's lantern
II)	Cephalopoda	Clams	Crystalline style
III)	Holothuroidea	Sea cucumbers	Respiratory trees
IV)	Gastropoda	Squids	Torsion

Options :

1. ✖ II, IV

2. ✔ I, III

3. ✖ I, II

4. ✖



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