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Competitive Exams: Zoology MCQs (Practice_Test 3 of 112)

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1. The. Main excretory organelle in Amphioxus is

- a. Solenocytes
- b. brown funnels
- c. Hatschek's nephridium
- d. atrium

2. Consider the following:

- a. Parapsida
- b. Anapsida
- c. Diapsida
- d. Rhyncocephalia
- e. Chelonia
- f. Cotylosauria

The connect sequence of taxa representing the hierarchical order for extant tortoises under class Reptilia is

- a. 1,3, 4
- b. 3,5
- c. 2,3, 6
- d. 2,5

3. Consider the following dentla formula: $I \frac{3}{3}$; $c \frac{1}{1}$; $p \frac{4}{4}$; $m \frac{3}{3}$ This dental formula belongs to order

- a. Chiroptera

- b. Dermoptera
- c. Pholidata
- d. Insectivora

4. Consider the following parts:

- a. Contractile vacuole 𐀀 Osmoregulation
- b. Syzygy 𐀀 Monocystis
- c. Undulating membrane 𐀀 Plasmodium
- d. Pseudopodia 𐀀 Paramecium

Which of these pairs are correctly matched?

- a. 1 and 4
- b. 2 and 4
- c. 1 and 3
- d. 1 and 2

5. Consider the following pairs:

- a. Lithocytes 𐀀 Obelia
- b. Choanocytes 𐀀 Sycon
- c. Chloragogen cells 𐀀 Pheretima

Which of these pairs are correctly matched?

- a. 1,2 and 3
- b. 1 and 2
- c. 1 and 3
- d. 2 and 3

6. Match list I (Animal phyla) with List II (Names of types of cells? tissues present in the phylum) and select the correct answer:

List-I	List-II
A. Porifera	1. Choanocytes
B. Coelenterata	2. Solenocytes
C. Platyhelminthes	3. Botryoidal tissue
D. Hirudinea	4. Cnidocytes

A B C D

- a. 1 4 3 2
- b. 1 4 2 3
- c. 4 1 3 2
- d. 4 1 2 3

7. Match List I with List II and select the correct answer:

List-I	List-II
A. Spicule	1. Pheretima
B. Typhlosole	2. Herdmania
C. Wheel organ	3. Periplaneta
D. Pericardial glands	4. Unio
	5. Amphioxus

A B C D

- a. 2 1 5 4
- b. 1 2 3 4
- c. 2 1 4 2
- d. 1 2 4 3

8. Match List I with list II and select the correct answer:

List-I	List-II
A. Taenia	1. Dorsal nerve and ventral nerve
B. Ascaris	2. Metameric segmentation
C. Fasciola	3. Proglottis
D. Pheretima	4. Endoparasite

A B C D

a. 3 1 4 2

b. 3 1 2 4

c. 1 3 4 2

d. 1 3 2 4

9. Consider the following statement: Chitin is found in

a. exoskeleton of Palaemon

b. setae of Pheretima

c. tube feet of Asterias

Which of the above statements are correct?

a. 1,2 and 3

b. 1 and 2

c. 2 and 3

d. 1 and 3

10. Trochophore larva differs from Tomaria larva in having

a. ciliary bands

b. nephridia

c. apical ciliary plate

d. mouth and anus

11. Each parapodium of Nereis has

a. a dorsal neuropodium, a ventral notopodium and two acicula

b. a dorsal notopodium, a ventral neuropodium and one aciculum

c. a dorsal notopodium, a ventral neuropodium and two acicula

d. a dorsal neuropodium, a ventral notopodium and one aciculum

12. The following cranial nerves originate from the brain of a fish:

a. Oculomotor

- b. Trochlear
- c. Trigeminal

The correct sequence of these nerves is

- a. 1,2, 3
 - b. 1,3, 2
 - c. 2,1, 3
 - d. 3,1, 2
13. During metamorphosis of Amphioxus larva
- a. provisional caudal fin is retained
 - b. all the gill-slits get closed
 - c. the endostyle appears on the right side of the inner face of pharangeal wall
 - d. the club-shaped glands are retained
14. Consider the following statements associated with an ascidian:
- a. The external covering surrounding the animal is a leathery translucent test or tunic composed of tunicin
 - b. The foot is made entirely of test that has clear matrix with branchial tentacles
 - c. The vascular ampullae form vascular areas of bright red patches on the test.
- Which of the above statements are correct?
- a. 1,2 and 3
 - b. 1 and 2
 - c. 2 and 3
 - d. 1 and 3
15. Which one of the following is the correct sequence of blood flow in Herdmania?
- a. Ventral aorta-Heart-Dorsal aorta-Branchial vessel
 - b. Ventral aorta-Dorsal aorta-Heart-Branchial vessel
 - c. Branchial vessel-Dorsal aorta-Ventral aorta-Heart
 - d. Heart-Dorsal aorta-Ventral aorta-Branchial vessel