

Competitive Exams: Zoology MCQs (Practice-Test 85 of 112)

1. Which of the following pairs are correctly matched?

- a. Entamoeba histolytica—Interstine
- b. Paramoecium—Liver
- c. Monocystic—Seminal vesicle

Which is correct

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

2. Choanocytes

- a. Are nerve cells present in the epidermis of Sycon
- b. Are nutritive cells present in the mesoglea of Hydra
- c. Are inner body lining of sponges
- d. Surround the dermal pores of sponges

3. The group of animals in which the mouth arises away from the blast pore include:

- a. Protostomia
- b. Deuterostomia
- c. Protozoa
- d. Parazoa

4. Consider the following statements:

- a. Polymorphism is often seen in coelenterates.
- b. Coelenterates are mostly marine.
- c. Coelenterates usually exhibit radial symmetry.

d. Many coelenterates are triploblastic.

Which is correct

- a. 2, 3 and 4 are correct
- b. 1, 3 and 4 are correct
- c. 1, 2 and 4 are correct
- d. 1, 2 and 3 are correct

5. Consider the following statements:

- a. The classification of Protozoa is based on the type of locomotory organelle.
- b. The Protozoans of the class Sarcodina possess flagellum as the locomotory organelle.
- c. Tapeworm belongs to phylum Platyhelminthes because it is triploblastic and acoelomate.
- d. Tapeworm belongs to class Cestoidea because its body consists of metamerous.

Which is correct

- a. 1 and 3 are correct
- b. 2 and 4 are correct
- c. 1, 3 and 4 are correct
- d. 1 and 2

6. Elongated, segmented body with organs of attachment at the anterior extremity and without mouth or alimentary canal. Are features of

- a. All members of Platyhelminthes
- b. Only members of the class Cestoda
- c. Only members of the class Trematoda
- d. Only members of the class-Turbellaria

7. Match List-I (Animals/groups) with list-II (Organs of locomotion) and select the correct answer

List-I

List-II

a. Periplaneta

a. Parapodia

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b. Gastropods

b. Tube feet

c. Starfish

c. Legs

d. Sabellaria

d. Foot

A B C D

a. 3 4 1 2

b. 4 3 1 2

c. 3 4 2 1

d. 4 3 2 1

8. Which one of the following statements regarding the function of nephridia in leech is correct?

a. Testicular nephridia perform the function of reproduction

b. Pretesticular nephridia perform the function of excretion

c. Both testicular and pretesticular nephridia perform the function of excretion

d. Both testicular and pretesticular nephridia perform the function of excretion as well as reproduction

9. Metameric segmentation in the animal hierarchy first developed in Phylum

a. Ctenophora

b. Platyhelminthes

c. Annelida

d. Arthropoda

10. Consider the following statements:

a. Crustaceans have one pair of legs per somite or less.

b. Insects have three pairs of legs other than the thorax.

- c. Arachnid have four pairs of legs on cephalothorax.
- d. Millipedes have four pairs of legs per somite.

Of these statements

- a. 1, 2 and 3 are correct
- b. 1, 2 and 4 are correct
- c. 1, 3 and 4 are correct
- d. 2, 3 and 4 are correct

11. Which of the following pairs of respiratory structures and animals is/are correctly matched?

- a. Ctenidia—Insects
- b. Tracheal tubes—Mollusca
- c. Gills—Crustacean
- d. Book lung—Arachnida

Which is correct

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

12. Consider the following features:

- a. Calcareous shells that open at both ends.
- b. Degenerate head without special sense organs.
- c. Respiration by mantle.
- d. Foot used for digging and burrowing.

The features which are characteristic of

Scaphopoda would include

- a. 1, 2, 3 & 4
- b. 2, 3 & 4

c. 1 & 4

d. 1, 2 & 3

13. Internal shell is found in

a. Doris sp.

b. Aplysia sp.

c. Dentalium sp.

d. Pecten sp.

14. Presence of calcareous plates in the dermis in the adult and a free-swimming bilaterally symmetrical larva are typical of:

a. Mollusca

b. Echinodermata

c. Arthropoda

d. Chaetognatha

15. In the flight of birds, which one of the following pairs of muscles produces downstroke by contraction?

a. Pectoralis major and subclavius

b. Subclavius and gastronemius

c. Coracobrachialis and pectoralis minor

d. Pectoralis major and coracobrachialis