

## Examrace

# Competitive Exams: Zoology MCQs (Practice\_Test 9 of 112)

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1. Which one of the following animals is unicellular, marine and covered with 'test' or 'shell'
  - a. Sabella paronina
  - b. Elphidium crispum
  - c. Asterias tubens
  - d. Helix pomatia
2. A-common glass-rope sponge, having a rounded or ovoid body with a single root tuft often spirally twisted like a rope and amphidiscs but without hexasters, is called
  - a. Hyalanema
  - b. Euplectella
  - c. Spongilla
  - d. Grantia
3. Which one of the following statements is NOT correct with respect to phylum coelenterate?
  - a. There is no terrestrial coelenterate
  - b. Many members of the group exhibit polymorphism
  - c. Individuals exhibit radial symmetry S
  - d. There is marked oral and anal opening in all the individuals
4. The symmetry of coe enterates (now called cnidaria) is similar to that of
  - a. larvae and adults of a phylum whose members possess a water vascular system
  - b. adults of a pnylum whose members possess a spiny body wall containing tiny calcareous ossicles
  - c. larvae of a phylum whose members possess a canal system
  - d. adults belonging to a phylum where all the members possess a madreporite
5. Which one of the following pairs is NOT correctly matched?
  - a. Trochophore larva—Annelida and Mollusca

- b. Pseudocoelom—Nemathelminthes and Ectoprocta
- c. Solenocytes—Platyhelminthes & Cephalochordata
- d. Aristotle's lantern Echinodermata—

#### Arthropoda

6. The given figure is a diagram of the first chelate leg of prawn. Starting from coxa as part number 1, the other parts situated distally are numbered 2 to 7, what is the name of the part number 6?
- a. Merus
  - b. Propodus
  - c. Ischium
  - d. Dactylus
7. In the evolutionary history of the animal kingdom, which of the following features have evolved for the first time in phylum annelida?
- a. True coelom
  - b. Triploblastic tissue differentiation
  - c. Bilateral symmetry
  - d. Cephalisation
  - e. Metameric segmentation

Select the correct answer using the codes given below:

- a. 1, 3 and 5
  - b. 2, 3 and 4
  - c. 1, 2, 4 and 5
  - d. 1 and 5
8. Which one of the following arthropods does NOT have antennae at all?
- a. *Palaemon carcinus*
  - b. *Blatella germanica*
  - c. *Macrobrachium rosenbergii*
  - d. *Sarcoptes scabiei*

9. Among invertebrates, the larvae, which feed exclusively upon the yolk originally laid down in the egg and do not take any food from external sources, are called
- Lecithhotropic
  - Planktotropic
  - Loven's larva
  - Nectochaetous
10. Consider the following statements: The appendages of Palaemon are
- 19 pairs-13 in cephalothorax, 6 in abdomen.
  - 19 pairs-5 cephalic, 8 thoracic, 6 abdominal.
  - homologous structures except antennules, which are uniramous.

Which of the above statements is/are correct?

- 1, 2 and 3
  - 1 and 2
  - 1 and 3
  - 3 alone
11. Calcareous shell (external or internal) is an important character of Phylum Mollusca. But in some forms, shells may be absent. In which one of the following forms it is altogether absent?
- Cuttle fish
  - Devil fish
  - Sea lemon
  - Sea hare
12. Consider the following features:
- Absence of jaws.
  - Vestigial eyes.
  - Feeding on live and dead fishes.
  - Larval stages are marine.

Which of the following animals has all the above mentioned features?

- Petromyzon

- b. Amphioxus
- c. Myxine
- d. Lampetra

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

List-I	List-II
A. Malaria	1. liver fluke
B. Elephantiasis	2. Plasmodium
C. Cysticercosis	3. Filarial worm
D. Amoebiasis	4. Trypanosoma
	5. Entamoeba

**A B C D**

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

14. Which of the following features are common to both Taenia and Fasciola?

- a. Polyembryony in life history.
- b. Paedogenesis life history.
- c. Parenchyma below subcuticular muscle layer.
- d. Protonephridia or flame cells for excretion.
- e. Blindly ending alimentary canal.

Select the correct answer using the codes given below:

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

d. All

15. The following stages appear in the life cycle of *Fasciola hepatica*:

a. Miracidium

b. Cercaria

c. Redia

d. Metacercaria

e. Sporocyst

The correct sequence of these is

a. 1, 2, 3, 5, 4

b. 4, 2, 3, 5, 1

c. 1, 5, 3, 2, 4

d. 5, 4, 3, 2, 1

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