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Competitive Exams: Zoology MCQs (Practice_Test 64 of 112)

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1. While doing some experiment with Amoeba proteus in a culture medium, it was found that the contractile vacuole of the protozoan disappeared although the other organelles showed normal activity. This must have happened most probably due to
 - a. Change in the temperate of the medium
 - b. Change in the pH of the medium
 - c. Dilution of the medium with tap water
 - d. Dilution of the medium with sea water
2. The correct sequence in which water flows into the body of Sycon and comes out of it is
 - a. Ostia, Apopyles, Osculum, Prosopyles
 - b. Ostia, Apopyles, Prosopyles, Osculum
 - c. Ostia, Prosopyles, Apopyles, Osculum
 - d. Apopyles, Ostia, Prosopyles, Osculum
3. Which one of the following sequence pertaining to the life cycle of Obelia is correct?
 - a. Obelia colony-blastostyle-medusa-zygote-planula-hydrula-obelia colony
 - b. Obelia colony-hydrula-blastula-blastostyle-medusa-zygote-planula-obelia colony
 - c. Obelia colony-medusa-blastostyle-blastula-zygote-planula-hydrula-obelia colony
 - d. Obelia colony-blastostyle-medusa-zygote-blastula-planula-hydrula-obelia colony
4. The sites of first, second and third moulting of Ascaris larva are
 - a. Soil, lungs and intestine
 - b. Soil, stomach and lungs
 - c. Liver, stomach and intestine

d. Lungs, liver and intestine

5. Match List I with List II and select the correct answer using the codes given below the lists:

List-I	List-II
A. Tornaria	1. Starfish
B. Ephyra	2. Balanoglossus
C. Cercaria	3. Liver fluke
D. Bipinnaria	4. Aurelia

A B C D

a. 4 2 3 1

b. 2 4 3 1

c. 2 4 1 3

d. 4 2 1 3

6. Saliva of leech contains an anticoagulant called

a. Hirudin

b. Heparin

c. Antihistamine

d. Ptylin

7. Haemolymph of cockroach contains

a. Erythrocytes and plasma

b. Respiratory pigments only

c. Haemocytes, leucocytes and plasma

d. Haemocytes and plasma

8. Match List I (Glands) with List. 11 (Animals) and select the correct answer using the codes given below the lists:

List-I	List-II

A. Oesophageal gland	1. Scorpion
B. Salivary gland	2. Ascaris
C. Green gland	3. Prawn
D. Neural gland	4. Herdmania

A B C D

a. 2 1 3 4

b. 1 2 3 4

c. 2 1 4 3

d. 1 2 4 3

9. Which of the following pair (s) is/are correctly matched? Animal Respiratory organ

a. Paluemon 襃 Trachea

b. Palamnaeus 襃 Booklung

c. Periplaneta 襃 Gill

Select the correct answer using the codes given below:

Codes:

a. 1,2 and 3

b. 2 alone

c. 3 alone

d. 1 and 2

10. Match List I with List II and select the correct answer using the codes given below the lists:

List-I	List-II
A. Pila	1. Parenchymula
B. Fasciola	2. Veliger
C. Sycon	3. Miracidium
D. Asterias	4. Brachiolaria

A B C D

a. 3 2 4 1

b. 3 2 1 4

c. 2 3 1 4

d. 2 3 4 1

11. Which of the following pair (s) of organs and functions of Starfish is/are correctly matched?

- a. Tube feet 褻 Digestion
- b. Papillae 褻 Locomotion
- c. Rectal caeca 褻 Excretion

Select the correct answer using the codes given below:

Codes:

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

12. Which of the following pair (s) of animal and organs is/are correctly matched?

- a. Balanoglossus 褻 Oral hood
- b. Ascidian 褻 Tube feet
- c. Amphioxus 褻 Velum

Select the correct answer using the codes given below:

Codes:

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

13. The correct course of food carrying water current in ascidians is
- Branchial siphon-atrial cavity-pharynx-gill slits-endostyle-atrial siphon
 - Branchial siphon-pharynx-gill slits-atrials cavity-atrial siphon
 - Atrial siphon-pharynx-gill slits-atrial cavity-branchial siphon
 - Atrial siphon-endostyle-pharynx-gill slits-atrial cavity-branchial siphon
14. The sequence of flow of blood in the hepatic portal system of a mammal is
- Caudal vein, Kidney, Liver, Posterior venacava
 - Intestine, Liver, Hepatic vein, Posterior venacava
 - Kidney, Liver, Intestine, Sinus venosus
 - Posterior venacava, Intestine, Liver

Hepatic vein, Sinus venosus

15. Which one of the following sets of derivatives of integument structures characterize birds as glorified reptiles?
- Syrinx and scales
 - Scales and claws
 - Claws and uropygial glands
 - Syrinx and uropygial glands

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