

Examrace

Competitive Exams: Zoology MCQs (Practice_Test 75 of 112)

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1. The relationship amount DNA, mRNA and amino acids (only the first six amino acids in the beta chain of human hemoglobin), under normal conditions is given below: OTA CAT CTF ACT CCT GAA_____DNA CAT GTA GAA TGA GGA CTT. mRNA GUA CAU CUU ACU CCU GAA... Amino acids val-his-leu-thr-pro-glu-What will be the change at the 6th codon position of the DNA molecule if this codes for valine instead of glutamic acid at the 6th amine acid position under a clinical condition (due to sickle cell anaemia)?
 - a. GAT CTA
 - b. CAA GTT
 - c. GTA CAT
 - d. GTT
CAA

2. A mRNA with 6 codons (for chain initiation, termination and amino acid) is included in the rectangle shown in the given figure. The different types of mutations, indicated as A, B, C and D are respectively.
 - a. Silent, missense, nonsense and frameshift
 - b. Silent, missense. Frameshift and nonsense
 - c. Missense, silent, nonsense and frtmeshift
 - d. Missense, silent, frameshift and nonsense

3. Which one of the following pairs is correctly matched?
 - a. Entamoeba coil—Pyorrhoea
 - b. Trichomonas bucca1is—Plague
 - c. Prypanosma gambiense—Encephilitis
 - d. Leishnmania denovani—Kala azar

4. Match List I (Animals) with List II (Organs) of locomotion and select the correct answer using the codes given below the lists:

List-I	List-II

A. Starfish	1. Flagellum
B. Apple snail	2. Tube feet
C. Euglena	3. Foot
D. Paramecium Aurelia	4. Cilla

A B C D

a. 2 3 1 4

b. 3 1 4 2

c. 3 2 1 4

d. 2 3 4 1

5. Quart an malaria of man is caused by

a. Plasmodium vivax

b. Plasmodium falciparum

c. Plasmodium ovale

d. Plasmodium malariae

6. Which one of the following sponges has megasclears embedded in spongin fibres?

a. Spongilla

b. Sycon

c. Euplectella

d. Tethya

7. Which one of the following statements is correct?

a. All sponges are exclusively marine

b. All sponges have siliceous or calcareous spicules

c. Amphiblastul is a larva of calcareous sponges

d. Spongin fibres from the endoskelton of leucosolenia

8. Which one the following pairs is correctly matched?

- a. Portuguese man of war—Velella
 - b. Sea fan—Porpita
 - c. Sea pen—Physalia
 - d. Red coral—Corallium
9. Which of the following pairs of animals and the class to which they belong are correctly matched?
- a. Neopilina—Chaetopoda
 - b. Spirula—Cephalopoda
 - c. Apus—Crustacea
 - d. Millepora—Echinodermata

Select the correct answer using the codes given below:

Codes:

- a. 1 and 2
 - b. 2 and 3
 - c. 3 and 4
 - d. 1 and 4
- o. Match List I (Animals) with List II (Distinguishing characters) and select the correct answer using the codes given below the lists:

List-I	List-II
A. Ctenoplana	1. Body flattened, two sheathed tentacles and comb rows reduced or absent in adults. 2. Arms unbranched; cannot twist and turn to mouth 3. Free living and carnivore 4. Endoparasitic
B. Ophiothrix	
C. Microstomum	
D. Schistosoma	

A B C D

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

11. Which one of the following pairs is correctly matched?

- a. *Loa loa*—Eye worm.
- b. *Enterobius vermicularis*—Guinea worm
- c. *Dracunculus medinensis*—Pin worm
- d. *Ancylostoma duodenale*—Filarial worm

12. Which one of the following is an annealed?

- a. Sea hare
- b. Sea mouse
- c. Sea horse
- d. Sea squirt

13. Which one of the following is found in marine habitat?

- a. *Tubifex*
- b. *Pheretima*
- c. *Terebella*
- d. *Hirudo*

14. Clitellar segments in earthworms help in

- a. The process of mating
- b. Locomotion
- c. The formation of cocoon
- d. Excretion

15. Which one of the following crustaceans is parasitic on another crustacean leading to castration of the host?
- a. Argulus
 - b. Lernaea
 - c. Eudactylus
 - d. Sacculina

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