

Examrace

Competitive Exams: Zoology MCQs (Practice_Test 78 of 112)

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1. Birds can make sudden and swift change in their direction during flight because of
 - a. High degree of activation of flight muscles
 - b. Non-expansion of the thorax due to poor development of lung
 - c. Shunting of air into the specific air sacs by opening and/or closing of the secondary and recurrent bronchioles
 - d. Lack of body fluids in the pleural peritoneal and pericardial cavities
2. Ductus caroticus and ductus atrocious are the two structures associated with the arterial system of vertebrates. Which one of the following statements in this regard is correct? The remnant of the radix between the
 - a. Third and fourth aoatic arches is known as ductus caroticus
 - b. Fourth and fifth aortic arches is known as ductus caroticus
 - c. Third and fourth aortic arches is known as ductus arteriosus
 - d. Fourth and fifth aortic arches is known as ductus arteriosus
3. The correct sequence in the formation of spermatozoa is
 - a. Spermatogonia-spermatids-spermatocytes-spennatozoa
 - b. Spermatids-spermatogonia-spermatocytes-spermatozoa
 - c. Spermatids-spermatogonia-primary spermatocytes-secondary
 - d. Spermatogoma-primary sperniatocytes-secondary spermatocytes-spermatids-spermatozoa
4. Which one of the following types of uteri is simplex?
 - a. Some Primates
 - b. Bats
 - c. Edentates
 - d. All of the above
5. The brain of Epiceratodus differ from that of Scolidion

- a. Large paired cerebral hemispheres are present and the cerebellum is quite large
 - b. Large paired cerebral hemispheres are absent and the cerebellum is quite large
 - c. Large paired cerebral hemispheres are present and the cerebellum is quite small
6. In the statement 'there are several ventricles in the brain and some of these ventricles are connected by foramen of Monro. This foramen connects X which are located in the Y of the brain' X and Y stand respectively for
- a. Lateral ventricles and cerebral hemisphere
 - b. Third and fourth ventricles in cerebral hemisphere and medulla oblongata
 - c. Lateral ventricles and third ventricle in cerebral hemispheres and diencephalons
 - d. Lateral Ventricles And Third Ventricle In Cerebral Hemisphere And Me
Encephalon
7. Which of the following statements is/are correct?
- a. Formation of rhodopsin is necessary in dark adaptation
 - b. Destruction of rhodopsin is necessary in light adaptation
 - c. Destruction of rhodopsin is necessary in dark adaptation
 - d. Formation of rhodopsin is necessary in light adaptation

Select the correct answer using the codes given below:

Codes:

- a. 1 and 2
 - b. 2 and 4
 - c. 1 and 3
 - d. 1 Alone
8. Enzyme action is best measured by nothing the
- a. Disappearance of the substrate
 - b. Increase in alkalinity of the solution
 - c. Sharp rise in the temperature of the solution
 - d. Colour changes that accompany the reaction
9. Which of the following pairs are correctly matched?
- a. Stenohaline 褰 Limited tolerance to changes in the osmotic concentration of external environment
 - b. Eurhaline 褰 Wider range tolerance of osmotic concentrations

- c. Osmo conformers 襃Animals which are incapable of osmoregulation
- d. Osmoregulators 襃Animals which change in volume as the external osmotic concentration changes

Select the correct answer using the codes given below:

Codes:

- a. 2,3 and 4
 - b. 1, 2 and 4
 - c. 1, 3 and 4
 - d. 1, 2 and 3
10. Consider the following hormones:
- a. Antidiuretic hormone
 - b. Aldosterone
 - c. Parathormone
 - d. Oxytocin

In the vertebrate animals, the hormones involved in the control of osmoregulation would include

- a. 1,2, 3 and 4
 - b. 1,2 and 3
 - c. 1 and 2
 - d. 3and4
11. The newly synthesized polypeptide, after being translated completely from the mRNA, is dislodged from the ribosome
- a. Because the release of the polypeptide chain goes. Hand in hand with the dissociation of the ribosomal subunits
 - b. Due to the force generated from the folding of the primary protein molecule for constituting its secondary structure
 - c. Because release factor (s) may block the specific site on ribosomal surface facilitating the release of the peptide chain
 - d. Due to the synthesis of an enzyme which inactivates the peptide binding enzyme
12. Given below are the lists of animals and excretory Organs Which of the following pairs are correctly matched?

- a. Annelida 褻Nephridia
- b. Insecta 褻Malpighian tubules
- c. Prawn 褻Hepatic caeca
- d. Mollusca 褻Organs of Bojanus

Select the correct answer using the codes given below:

Codes:

- a. 1,2 and 3
 - b. 1,3 and 4
 - c. 1,2 and 4
 - d. 2,3 and 4
13. Match List I with List II and select the correct answer using the codes given below the lists:

List-I	List-II
A. Chrysomonadina	1. Noctiluca
B. Cryptomonadina	2. Synura
C. Dinoflagellida	3. Dinobryon
D. Ghloromonadina	4. Vacuolaria

A B C D

- a. 2 3 4 1
 - b. 3 2 1 4
 - c. 2 3 1 4
 - d. 3 2 4 1
14. Which one of the following statements is correct?
- a. Chlorohydra appears green due to the presence of zoochlorella in its endodermal cells
 - b. In arthropods the phenomenon of commensalism is exhibited by Eupagurus

- c. Leeches that feed on blood are carnivorous animals
 - d. Sporozoans are exclusively endoparasites
15. Which one of the following sponges lacks spicules but has a skeleton of spongin fibres?
- a. Halichondria
 - b. Dactylia
 - c. Spirastrella
 - d. Aplysilla

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