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NET, IAS, State-SET (KSET, WBSET, MPSET, etc.), GATE, CUET, Olympiads etc.: Zoology MCQs (Practice_Test 110 of 112)

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1. The reversal of body fluid is well-marked in which one of the following systems of Herdmania?
 - a. Excretory system
 - b. Digestive system
 - c. Reproductive system
 - d. Circulatory system
2. During metamorphosis of an ascidian tadpole larva, diminution and the eventual complete disappearance of the tail with the contained notochord and caudal part of the nerve-cord is accomplished by
 - a. autophagy
 - b. Autolysis
 - c. migration of cells from the tail region to the rest of the adult
 - d. reversal of the differentiated cells of the tail into a non-differentiated cellmass that secondarily forms the endostyle of the pharynx
3. A schematic representation of a crosssection passing through the intestinal region of Branchiostoma is shown in the above figure. The structures marked X Y and Z are
 - a. notochord, nerve cord and, intestine respectively
 - b. nervecord, notochord and intestine respectively
 - c. intestine, nerve cord and notochord respectively
 - d. intestine, notochord and nerve cord respectively
4. Jaw suspension in which the upper jaw is completely fused by its processes to the bony skull and the lower jaw is suspended from the upper jaw, is termed as
 - a. amphistylic
 - b. hyostylic
 - c. autostylic
 - d. autodiastylic
5. The correct sequence the various strata of the epidermis of mammalian skin is

- a. Stratum corneum, stratum lucidum, stratum granulosum and stratum germinatum
 - b. Stratum germinatum, stratum granulosum corneum and stratum lucidum
 - c. Stratum granulosum, stratum lucidum. Stratum germinatum and stratum corneum
 - d. Stratum lucidum, stratum corneum. Stratum granulosum and stratum germinatum
- 6.
 - **Assertion (A)** : The tympanic cavity of snakes and legless lizards is much smaller.
 - **Reason (R)** : These animals employ direct contact with the ground as a means for the reception of seismic vibrations.
 - a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but R is NOT a correct explanation of A
 - c. A is true but R is false
 - d. A is false but R is true
 - **Assertion (A)** : The action of a competitive enzyme can be reversed by increasing the substrate concentration.
 - **Reason (R)** : Competitive enzyme inhibitors compete with the substrate. Reacting reversibly with the enzyme.
 - a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but R is NOT a correct explanation of A
 - c. A is true but R is false
 - d. A is false but R is true
- 7.
 - **Assertion (A)** : Foetal hemoglobin differs from the adult hemoglobin.
 - **Reason (R)** : The alpha-chain of foetal hemoglobin has extra valine residue.
 - a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but R is NOT a correct explanation of A
 - c. A is true but R is false
 - d. A is false but R is true
 - **Assertion (A)** : Placenta is found in kangaroos.
 - **Reason (R)** : Kangaroo belongs to the class Mammalia
 - a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but R is NOT a correct explanation of A
 - c. A is true but R is false
 - d. A is false but R is true
- 8. Micosome is the collective name for
 - a. Cytoplasmic cell organelle obtained after centrifugation of the cell
 - b. Mass of substances biosynthesized in the cell

- c. Artificially generated disrupted membrane fragments of granular endoplasmic reticulum
- d. Group of ribosome-s participating in synthesis of polypeptide chains using the same m-RNA
9. Match List I with List II and select the correct answer using the codes given below the lists:

List-I	List-II
<p>a. Conduction of secretions of the different organelles in a cell</p> <p>b. Intracellular osmosis</p> <p>c. Exchange of granular material between the nucleus and the cytoplasm</p>	<p>a. Nuclear pores</p> <p>b. Endoplasmic reticulum</p> <p>c. Cell membrane</p>
<p>Table Supporting: NET, IAS, State-SET (KSET, WBSET, MPSET, Etc.) , GATE, CUET, Olympiads Etc. : Zoology MCQs</p> <p>(Practice_Test 110 of 112)</p>	

- A
- B
- C
- a. ■ 2
- 3
- 1
- 1
- 3
- 2
- b. ■ 3
- 1
- 2
- 2
- 1
- 3
10. In the most straightforward model of cellcell adhesion, cells with similar carbohydrate groups on their surface are bound together by a particular type of chemical that recognizes particular carbohydrate configuration. This chemical is
- a. DNA as informosomes
- b. Scialic acid

c. Lectins

d. Fibronectin

11. In the basis of increasing numbers of legs possessed by animals, which one of the following indicates the correct sequence?

a. Grasshopper, Palamnaeus, crayfish, millipede

b. Palamnaeus, grasshopper, crayfish, millipede

c. Crayfish, Palamnaeus, grasshopper, millipede

d. Millipede, crayfish, grasshopper

☐ Palamnaeus

12. Bilateral symmetry in a certain group of phylum Mollusca is lost due to

a. rotation

b. torsion

c. reversion and rotation

d. expansion and torsion

13. Which one of the following echinoderms possesses a respiratory tree?

a. Sea cucumber

b. Starfish

c. Feather star

d. Sea urchin