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Competitive Exams: Zoology MCQs (Practice_Test 40 of 112)

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1. The enormous diversity of protein molecules is mainly due to
 - a. Peptide bonds
 - b. Amino groups in amino acids
 - c. Carboxyl groups in amino acids
 - d. Amino acid sequences
2. Which wildlife reserve in India is popularly known as Floating National Park?
 - a. Keibul Lamjoo National Park
 - b. Keoladeo Ghana National Park
 - c. Chilka Lake Sanctuary
 - d. Nal Sarovar Sanctuary
3. The termination of gastrula stage is indicated by
 - a. Closure of neural tube
 - b. Closure of blastopore
 - c. Obliteration of archenteron
 - d. Obliteration of blastocoels
4. In honey-bees, the drones are produced from
 - a. Fertilized eggs
 - b. Unfertilized eggs
 - c. Larvae fed with royal jelly
 - d. Larvae not fed properly
5. The enzymes in the venom of snake exerting pharmacological effects are

- a. Alkaline and acid phosphatase
 - b. Esterase and lipase
 - c. Protease and phospholipase
 - d. Carboxylase and oxidase
6. If the head is covered with scales and not shields, then it is a
- a. Krait
 - b. Viper
 - c. Cobra
 - d. Rat snake
7. Genomic Library contains
- a. Cloned DNA stored in situ
 - b. Cloned DNA stored ex situ
 - c. Cloned DNA stored in prokaryotes
 - d. Cloned DNA stored in eukaryotic cells
8. The term 'biotic potential' as coined by Chapman means the
- a. Inherent property of an organism to reproduce to survive
 - b. Capacity of an individual organism to tolerate the stress
 - c. Adaptive potential of an individual organism in a changing climate
 - d. Potentiality of an organism to increase its biomass when kept under the favorable conditions
9. ◦ **Assertion (A)** : The crop milk is produced by both male and female *Columba livi*.
- **Reason (R)** : The males of this species have special milk producing glands
- a. Both A and R are individually true and R is the correct explanation of A
 - b. Both A and R are individually true but R is not the correct explanation of A
 - c. A is true but R is false
 - d. A is false but R is true
10. Assertion (A) Adults are globular in Asteroidea and Echinoidea but cylindrical in Holothuroide. Reason (R) : Relative development of arms and interarms determines the shape of the adult body in echinoderms
- a. Both A and R are individually true and R is the correct explanation of A

- b. Both A and R are individually true but R is not the correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
11. ◦ **Assertion (A)** : Hydra Obelia, Aurelia and adamisa belong to ctenophor.
- **Reason (R)** : They exhibit radial symmetry, are diploblastic and have nematocyst
- a. Both A and R are individually true and R is the correct explanation of A
- b. Both A and R are individually true but R is not the correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
12. ◦ **Assertion (A)** : After the addition of the last amino acid to a growing polypeptide chain the protein synthesis stop.
- **Reason (R)** : The termination codon reacts with release factor (s) and the Resultant RF-terminator codonribosome complex effectively blocks further chain elongation
- a. Both A and R are individually true and R is the correct explanation of A
- b. Both A and R are individually true but R is not the correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
13. ◦ **Assertion (A)** : In respiratory acidosis there is an elevation of arterial CO₂ and H.
- **Reason (R)** : In hypoventilation, CO₂ is not eliminated as fast as it is produced
- a. Both A and R are individually true and R is the correct explanation of A
- b. Both A and R are individually true but R is not the correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
14. ◦ **Assertion (A)** : In their role of constricting the arterioles the effect of vasopressin lasts much longer as compared to the effect of adrenali.
- **Reason (R)** : Vasopressin is an amine whereas adrenaline is a polypeptide
- a. Both A and R are individually true and R is the correct explanation of A
- b. Both A and R are individually true but R is not the correct explanation of A

- c. A is true but R is false
 - d. A is false but R is true
15. ◦ **Assertion (A)** : Approximately 90 % of eukaryotic DNA is not transcribed and translated and lies apparently functionless and dormant.
- **Reason (R)** : Natural selection operated to weed out apparently unnecessary DNA
- a. Both A and R are individually true and R is the correct explanation of A
 - b. Both A and R are individually true but R is not the correct explanation of A
 - c. A is true but R is false
 - d. A is false but R is true

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