

Examrace

Competitive Exams: Zoology MCQs (Practice_Test 18 of 112)

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1. Changes in the body form of some planktonic animals with seasonal change in temperature are grouped under
 - a. anamorphosis
 - b. cyclomorphosis
 - c. metamorphosis
 - d. heteromorphosis
2. Which of the following fishes is NOT conducive to corn posite fish farming?
 - a. Cirrhinus mrigala
 - b. Labeo rohita
 - c. Catle catla
 - d. Mystus seenghala
3. ◦ **Assertion (A)** : Prokaryote cells proliferate at a much more rapid rate than eukaryotes.
 - **Reason (R)** : In prokaryotes there is not condensation of the chromosomes, no spindle apparatus and they follow simple duplication and separation of DNA pattern.
 - 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 the correct explanation of A
 - c. A is true but R is false
 - d. A is false but R is true
4. ◦ **Assertion (A)** : Each gene can exist in a variety of different forms called alleles.
 - **Reason (R)** : Different alleles of the same gene arise by heritable changes (mutations) in the gene itself.
 - 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 the correct explanation of A

- c. A is true but R is false
- d. A is false but R is true
5. ◦ **Assertion (A)** : Pila produces two type of sperm, namely eupyrene and oligopyrene.
- **Reason (R)** : Eupyrene sperm has XX chromosomes and can produce only female while oligopyrene sperm has XY chromosomes and can produce only male.
- 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 the correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
6. ◦ **Assertion (A)** : Echinodermata and Hemichordata are both deuterostomes.
- **Reason (R)** : During early development of these phyla, the blastopore becomes the mouth opening.
- 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 the correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
7. ◦ **Assertion (A)** : Bryozoa is now divided into two separate phyla-Endoprocta and Ectoprocta.
- **Reason (R)** : Though Endoprocta has some superficial similarities with Ectoprocta, the former is coelomate and the latter acoelomate.
- 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 the correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
8. ◦ **Assertion (A)** : The 'killer' stains of Paramecium aurelia produce a toxic substance (paramecin) which kills the sensitive ones.
- **Reason (R)** : Such 'killer' stains lack the kappa particles.
- 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 the correct explanation of A
- c. A is true but R is false

- d. A is false but R is true
9. ◦ **Assertion (A)** : The adults of echinoderms generally exhibit pentamerous radial symmetry.
- **Reason (R)** : A unique ambulacral system is typically present in echinoderms.
- 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 the correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
10. ◦ **Assertion (A)** : Balanoglossus is not a chordate.
- **Reason (R)** : The so-called notochord of Balanoglossus is only pre-oral extension of the gut.
- 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 the correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
11. ◦ **Assertion (A)** : In birds, the synsacrum is fused with the pelvic girdle.
- **Reason (R)** : The synsacrum provides a rigid framework for perching.
- 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 the correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
12. ◦ **Assertion (A)** : The accidental leak of methyl isocyanate from a storage tank of a factory in Bhopal in 1980 killed more than 25,000 people.
- **Reason (R)** : In the factory, the safety scrubber chimneys, filled with the detoxifying solution failed to function.
- 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 the correct explanation of A
- c. A is true but R is false
- d. A is false but R is true

13. ◦ **Assertion (A)** : After removal of parathyroids in lizards the blood calcium level rises rapidly.
- **Reason (R)** : Parathyroids regulate the level of calcium in blood.
- Both A and R are true and R is the correct explanation of A
 - Both A and R are true but R is NOT the correct explanation of A
 - A is true but R is false
 - A is false but R is true
14. ◦ **Assertion (A)** : Linoleic acid and linolenic acid are essential polyunsaturated fatty acids.
- **Reason (R)** : Linoleic acid and linolenic acids are biosynthesized in human beings.
- Both A and R are true and R is the correct explanation of A
 - Both A and R are true but R is NOT the correct explanation of A
 - A is true but R is false
 - A is false but R is true
15. ◦ **Assertion (A)** : As a fuel, coal releases two-thirds more carbon dioxide per unit of energy than does gasoline.
- **Reason (R)** : Coal is largely carbon, whereas gasoline contains more hydrogen.
- Both A and R are true and R is the correct explanation of A
 - Both A and R are true but R is NOT the correct explanation of A
 - A is true but R is false
 - A is false but R is true