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Competitive Exams: Zoology MCQs (Practice_Test 72 of 112)

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1. Evolution of sex has been necessary for the sake of
 - a. Continuance of species
 - b. Variety of characters it will result in
 - c. Consistency of traits that will appear generation after generation
 - d. Keeping the proliferation of young ones in check
2. Which one of the following ancestors is most distantly related to the modern man?
 - a. Australopithecus
 - b. Dryopithecus
 - c. Ramapithecus
 - d. Pithecanthropus
3. Which one of the following statements is scientifically most meaningful?
 - a. Wings of birds, bats and of pterodactyls are analogous organs
 - b. Biston betularia is an example of industrial melanism
 - c. Archaeopteryx which is an extinct bird, exhibited parallel evolution.
 - d. Hugo-de-Vries, through his work supported the earlier views of Lamarck.
4. Which one of the following statements is correct?
 - a. Our planet and acquired its oxidizing atmosphere from the very beginning.
 - b. The known fossil record on our planet dates back to about a billion years.
 - c. The earliest known fossil fishes had a heavy external armour for protection.
 - d. The earliest known fossil fishes are bony fishes.

5. Molecular anthropologists are likely to be more accurate than paleontologists in their scientific pronouncements because
 - a. Their approach is molecular
 - b. They pursue a different line of investigation
 - c. They use dependable scientific tools
 - d. They use the latest and most modern methods of investigation.
6. The biomass of one trophic level getting incorporated into biomass of the next trophic level is the
 - a. Relative ratio of energy flow
 - b. Energy flow efficiency
 - c. Ecological efficiency
 - d. Ecological gradient
7. Skeletal structures of terrestrial animals are more elaborate than that of aquatic vertebrates because
 - a. Air is more mobile than water
 - b. Water contains more nutrients than air
 - c. Movement is much easier in air than in water
 - d. Density of water is much greater than that of air
8. Which one of the following animals requires comparatively less energy for body maintenance?
 - a. Mosquito
 - b. Bird
 - c. Fish
 - d. Elephant
9. Which one of the following is NOT a cause leading to the endangered status of a species?
 - a. Destruction of habitat
 - b. Environmental pollution
 - c. Unregulated commercial exploitation
 - d. Migration

10. Which one of the following statements is a scientifically meaningful explanation of circadian rhythm?
- The behavior of an organism is conditioned by internal physiological readiness and capacities of various sorts but it does not fluctuate rhythmically in response to external stimuli
 - The behaviour of an organism in its natural environment is a response to external stimuli alone and fluctuates rhythmically. ZOOLOGY
 - The behaviour of an organism in its natural environment is a response to external stimuli and is conditioned by internal physiological readiness and capacities of various sorts. Both external environment and internal readiness fluctuate rhythmically and at specific intervals
 - The behaviour of an organism in its natural environment is a response to external stimuli and is conditioned by internal physiological readiness and capacities of various sorts. But the external environment and internal readiness fail to fluctuate rhythmically at intervals.
11. Biological Oxygen demand refers to the amount of oxygen required to
- Break down the organic materials
 - Synthesize organic compounds
 - Convert inorganic materials to their oxides and cause their precipitation
 - Facilitate respiration
12. Match List I (animals) with List II (Their realm) and select the correct answer using the codes given below the lists:

List-I	List-II
A. Protopterus	1. Australian
B. Opposum	2. Ethiopian
C. Sphenodon	3. Nearctic
D. Prehensile tailed monkey	4. Neotropical

A B C D

a. 2 3 1 4

b. 2 1 3 4

c. 4 1 3 2

d. 4 3 1 2

13. The animals inhabiting grassland ecosystem are characterized by

a. Good sight

b. Capacity to mimic

c. Swift locomotion

d. Acute sense of smell

14. 'Ecotone' is best described as the

a. State of equilibrium among various trophic levels in an ecosystem

b. Potentiality of an animal to adjust to new circumstances

c. Transition between two or more diverse communities

d. Maximum biomass an ecosystem can support

15. Which one of the following chemical is NOT related to biological magnification?

a. Chlorinated hydrocarbon

b. Heavy metal

c. Organophosphates

d. Polychlorinated biphenyls