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## Competitive Exams: Zoology MCQs (Practice\_Test 13 of 112)

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1. Match List I with List II and select the correct answer:

List-I	List-II
<p>A. Latimeria</p> <p>B. Archaeopteryx</p> <p>C. HMS Beagle</p> <p>D. Evening primrose</p>	<p>1. Connecting link</p> <p>2. Mutation theory</p> <p>3. Living fossil</p> <p>4. Charles Darwin</p>

**A B C D**

a. 1 3 4 2

b. 3 1 4 2

c. 1 3 2 4

d. 3 1 2 4

2. Allopatric speciation occurs when population show

a. reproductive isolation

b. ecological isolation

c. seasonal isolation

d. geographic isolation

3. Which one of the following statements is NOT correct?

- a. A species comprises several populations
- b. Free gene flow between two species does not occur on account of marked differences in their genotype
- c. Reproductive isolation takes place as a result of accumulation of genetic differences
- d. Interbreeding is occasional among the individuals of a population and is very frequent among different populations of a species

4. Match List I with List II and select the correct answer:

List-I	List-II
A. Oriental Region	1. Gorilla, lion, giraffe & hippopotamus
B. Holarctic Region	2. Tapirs, sloths, prehensiletailed monkeys and vampire bats
C. Neotropical Region	3. Orangutan, tarisiers, elephant and frugivorous bats
D. Ethiopian Region	4. Caribou, elk, foxes of the genus Vulpes, bears and marmots

**A B C D**

- a. 4 3 2 1
- b. 3 4 2 1
- c. 4 3 1 2
- d. 3 4 1 2

5. Match List I with List II and select the correct answer:

List-I	List-II
A. Archeizoic	1. Soft-bodied animals
B. Proterozoic	2. Brachiopods
C. Mesozoic	3. Reptiles
D. Cenozoic	4. Mammals

**A B C D**

- a. 1 2 3 4
- b. 2 1 3 4
- c. 1 2 4 3
- d. 2 1 4 3

6. Which among the following is the correct chronological sequence of the epochs of the Cenozoic ear?

- a. Miocene, Paleocene, Pleistocene, Eocene, Oligocene & Pliocene
- b. Paleocene, Pleistocene, Eocene, Pliocene, Oligocene & Miocene
- c. Eocene, Oligocene, Pliocene, Paleocene, Miocene & Pleistocene
- d. Paleocene, Eocene, Oligocene

Miocene, Pliocene & Pleistocene

7. Match List I with List II and select the correct answer:

List-I	List-II
A. Pithecanthropus pekinensis	1. Pliocene monkey with many hominid characters; dental formula typically anthropoid and the proportions of teeth similar to man rather than to the great apes
B. Australopithecus africanus	2. Represented by only a perfect lower jaw with definition; the jaw is massive and human in general nature, except that it lacks a chin; the teeth are quite human
C. Oreopithecus bambolii	3. Moderate stature, erect posture, erect posture, retreating forehead; teeth large and chin absent; knew use of fire
D. Homo heidelbergensis	4. Erect posture, brain sizes comparable to that of anthropoid apes; knew use of fire

**A B C D**

- 
- a. 3 4 1 2
- b. 4 3 1 2
- c. 4 3 2 1
- d. 3 4 2 1

8. For green house effect, which of the following statements are correct?

- a. Intensive plantation can produce Large amount of CO<sub>2</sub> which traps heat and produces the green house effect.
- b. Extensive use of fossil fuel and intensive plantation result in the production of large amount of CO<sub>2</sub> and H<sub>2</sub>O forming a thick layer that prevents the heat form being reradiated out:
- c. Excessive use of fossil fuel produces heat, which is absorbed by the CO<sub>2</sub> and water vapour in the atmosphere and causes green house effect.
- d. Increasing level of CO<sub>2</sub> tends to warm air in the lower layer of the atmosphere on global scale resulting in global warming.
- i. 1 and 2
- ii. 2 and 3
- iii. 3 and 4
- iv. 1 and 4

9. Match List I with List H and select the correct answer:

List-I (Survivorship curves)	List-II (Mortality)
A. N/A	1. High mortality in early and late life
B. N/A	2. High mortality in early life
C. N/A	3. Mortality constant
D. N/A	4. N/A

**A B C**

a. 2 1 3

b. 2 3 1

c. 1 2 3

d. 3 2 1

10. Match List I with List II and select the correct answer:

List-I (Name of species)	List-II (Categories)
A. Leopard	1. Out of danger
B. Asiatic Lion	2. Rare
C. Golden Cat	3. Vulnerable
D. Elephant	4. Endangered

**A B C D**

a. 3 4 1 2

b. 3 4 2 1

c. 4 3 2 1

d. 4 3 1 2

11. Consider the following statements: Circannual rhythm in an organism is

a. regulated by temperature

b. regulated by photoperiod

c. an innate character imprinted upon the organism by the environment.

d. an acquired character developed by the animals in response to the frequent changes in the environment.

Which of the above statements are correct?

a. 1 and 2

- b. 2 and 3
- c. 2 and 4
- d. 1 and 4

12. Match list I with List II and select the correct answer:

List-I (Name of the animal)	List-II (Name of the sanctuary/area)
A. Wild Ass	1. Dachigam
B. Hangul	2. Nilgiri, Annamalai and Cardamom hills
C. lion tailed Macaque	3. Rajasthan
D. Great Indian Bustard	4. Rann of Kutch

**A B C D**

- a. 1 4 2 3
  - b. 4 1 3 2
  - c. 1 4 3 2
  - d. 4 1 2 3
13. When relatively palatable and unprotected species of animal imitates the relatively unpalatable or well protected species. It is called
- a. mullerian mimicry
  - b. batesian mimicry
  - c. alluring mimicry
  - d. warning mimicry
14. In most birds, after hatching, the young ones normally being to follow their mothers. This type of behaviour is known as
- a. imprinting
  - b. reflex behaviour
  - c. parental care
  - d. trial and error learning
15. Lindeman's law of trophic efficiency states that the efficiency of energy transfer

- a. from one trophic level to the next is about 60 %
- b. from one trophic level to the next is highly variable
- c. is unlimited
- d. from one trophic level to the next is about 10 %

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