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Competitive Exams: Zoology MCQs (Practice_Test 99 of 112)

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1. In the animal kingdom, several degrees of interspecific interactions can be recognised. Which one of the following is true for proto-cooperation interactions?
 - a. Both partners gain but neither can survive without the other
 - b. One of the species is harmed by the relationship
 - c. Presence of one species appears to have no effect on a second species
 - d. Both partners gain, though each is also able to survive separately
2. Deserts constitute the most extreme of all the terrestrial environments. Communities living here demand which of the following special adaptations?
 - a. Morphological
 - b. Ethological
 - c. Physiological

Select the correct answer using the codes given below:

- a. 1 and 2
 - b. 1 and 3
 - c. 2 and 3
 - d. 1,2 and 3
3. Old world cuckoos and the brown headed cowbird of North America do not build nests of their own; rather, they deposit their eggs in the nests of other birds. This type of relationship is designated as
 - a. mutualism
 - b. commensalism

- c. social parasitism
- d. symbiosis
4. Which one of the following pairs is NOT correctly matched?
- a. Hoolock gibbon 褒Arunachal Pradesh
- b. Golden langur 褒Northwest Assam
- c. Lion-tailed macquee 褒Sikkim
- d. Slender Loris 褒Southern India
5. Circadian rhythm is the ability to time and repeat functions as
- a. about 2-hour intervals linked to daylight
- b. one year intervals linked to changes in the seasons
- c. 24-hour intervals even without environmental cues such as daylight
- d. one month intervals without environmental cues such as daylight
6. Match List I (pesticide) with List II (chemical nature) and select the correct answer using the codes given below:

List-I	List-II
A. Aldrin.	1. Synthetic pyrethroid
B. Fenvalerate	2. Carbamate
C. Parathion	3. Chlorinated hydrocarbon
D. Aldicarb	4. Organophosphate

A B C D

- a. 3 1 2 4
- b. 3 1 4 2
- c. 2 1 4 3
- d. 2 1 3 4
7. Which one of the following insects is a coffee pest?
- a. *Xylosandrus compactum*

- b. *Helopeltis atonii*
- c. *Nephantis serinopa*
- d. *Rhynchophorus ferrugineus*

8. Match list I (Insect) with list II (Diseases/damage caused to) and select the correct answer:

List-I	List-II
A. <i>Galleria</i>	1. Rice
B. <i>Lepisma</i>	2. Honeycombs
C. <i>Sitophilus</i>	3. Bubonic plague
D. <i>Xenopsylla</i>	4. Old books

A B C D

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

9. One of the major difficulties in the application of the biological control of insects pests is

- a. the practical difficulty of introducing the predator to specific areas
- b. that the method is less effective as compared with the use of insecticides
- c. that the predator does not always survive when introduced in the new environment
- d. that the predator may develop a preference for other diets and may itself become a pest

10. Which of the following are the blood sucking flies which may inject the *Trypanosoma evansi* into horses and cattle causing surra in India?

- a. *Tabanus*
- b. *Stomoxys*
- c. *Glossina*

d. Tachina

Select the correct answer using the codes. Given below:

a. 1 and 2

b. 1 and 3

c. 2 and 3

d. 2 and 4

11. ◦ **Assertion (A)** : Euglena is mixotrophic.

◦ **Reason (R)** : Euglena has chlorophyll in its chloroplasts.

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)** : In spite of hemaphroditism cross-fertilization is the rule in Pheretima.

◦ **Reason (R)** : Pheretima is protandrous.

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)** : Buffaloes remain in water for long periods.

◦ **Reason (R)** : They do not have sweat glands.

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

14. ◦ **Assertion (A)** : Pancreas is both exocrine and endocrine gland.

◦ **Reason (R)** : Acini of pancreas have ducts for release of secretions while the islets-of

Langerhans of the pancreas are ductless.

- 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
15. ◦ **Assertion (A)** : Axolotl larvae of *Ambystoma* exhibit the phenomenon of neoteny.
- **Reason (R)** : In the hilly tracts of North-America iodine is deficient.
 - 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

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