

Examrace: Downloaded from examrace.com [<https://www.examrace.com/>]

For solved question bank visit [doorsteptutor.com](https://www.doorsteptutor.com)

[<https://www.doorsteptutor.com>] and for free video lectures visit [Examrace](https://www.doorsteptutor.com)
YouTube Channel [<https://youtube.com/c/Examrace/>]

NET, IAS, State-SET (KSET, WBSET, MPSET, etc.), GATE, CUET, Olympiads etc.: Zoology MCQs (Practice_Test 82 of 112)

Get top class preparation for competitive exams right from your home: [get questions, notes, tests, video lectures and more \[https://www.doorsteptutor.com/\]](https://www.doorsteptutor.com/) - for all subjects of your exam.

1. Compensation level in an aquatic ecosystem is the one where oxygen
 - a. And carbon dioxide are in equal proportion
 - b. Level is just sufficient to maintain producers
 - c. Level is just sufficient to maintain decomposers
 - d. Release in photosynthesis balances loss by respiration
2. When an animal population produces a substance harmful to a competing population, the interaction is known as
 - a. Allelopathy
 - b. Antibiosis
 - c. Pathogenesis
 - d. Interference
3. Consider the following desert adaptations:
 - a. Copious salivation and licking of body.
 - b. High tolerance to dehydration.
 - c. High storage capacity for water.
 - d. Fluctuating body temperature.
 - The set of adaptations relevant in the case of camel would include
 - a. 1,3 & 4
 - b. 1,2 & 4
 - c. 1,2 & 3
 - d. 2,3 & 4
4. Consider the following statements: Desert animals tide over the extreme heat by
 - a. Adopting appropriate nocturnal habits.
 - b. Burrowing.
 - c. Adjusting their internal body temperature suitably
 - Of these statements

- a. 1 and 2 are correct
 - b. 2 and 3 are correct
 - c. 1 and 3 are correct
 - d. 1,2 and 3 are correct
- 5. The association between ungulates (such as cattle) and rumen bacteria is a wellknown example of
 - a. Antibiosis
 - b. Parasitism
 - c. Obligate symbiosis
 - d. Neutralism
- 6. Consider the following species:
 - a. Sloth bear
 - b. Musk deer
 - c. Bison
 - d. Black buck
 - o The endangered species among these would include
 - a. 2,3 and 4
 - b. 1,3 and 4
 - c. 1,2 and 4
 - d. 1,2 and 3
- 7. Fruit flies emerge from pupal stage at dawn even after fifteen generations of flies reared under conditions of constant light. This is due to
 - a. Diurnal endogenous rhythm
 - b. Diurnal exogenous rhythm
 - c. Lunar endogenous rhythm
 - d. Lunar erogenous rhythm
- 8. Which one of the following is a group of major greenhouse gases?
 - a. Carbon monoxide, methane, chlorofluoro carbons and, oxides of nitrogen
 - b. Carbon dioxide, oxides of nitrogen, ethane and chiorofluoro carbon
 - c. Carbon dioxide, methane, chiorofluoro carbons and oxides of nitrogen
 - d. Ethane, oxides of nitrogen, carbon monoxide and chlorofluoro carbons
- 9. The larvicidal fish used in the biocontrol of mosquitoes is
 - a. Hilsa illisha
 - b. Scatophagus
 - c. Anabas

d. *Gambusia*

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

List-I	List-II
<p>a. <i>Tryporyza incertulus</i></p> <p>b. <i>Emmalocera depressella</i></p> <p>c. <i>Heliothis armigera</i></p> <p>d. <i>Rhizopertha dominica</i></p>	<p>a. Stem borer-Paddy</p> <p>b. Root borer-Sugar cane</p> <p>c. Pod borer-Gram</p> <p>d. Lesser grain borer</p>
<p>Table Supporting: NET, IAS, State-SET (KSET, WBSET, MPSET, Etc.), GATE, CUET, Olympiads Etc. : Zoology MCQs (Practice_Test 82 of 112)</p>	

D

1432 1234

ABC 1324 4321

11. Which one of the following pairs of proteins is present in the silk threads obtained from *Bombyx mori*?

- a. Sericin and keratin
- b. Fibroin and gelatin
- c. Sencin and fibroin
- d. Sericin and resilin

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

List-I	List-II
<p>a. Insects that eat and destroy plants and fruits</p> <p>b. Insects that annoy and harm domestic animals</p> <p>c. Insects that transmit diseases</p> <p>d. Insects that are destructive in the household</p>	<p>a. Tsetse flies and body lice</p> <p>b. Weevils, beetles and termites</p> <p>c. Lice, warble flies and botflies</p> <p>d. Grasshoppers, Chinch bugs and Hessian flies</p>
<p>Table Supporting: NET, IAS, State-SET (KSET, WBSET, MPSET, Etc.), GATE, CUET, Olympiads Etc. : Zoology MCQs (Practice_Test 82 of 112)</p>	

D**3421 4321****ABC 4312 3412**

13. Which of the following insects are used in biological control as parasitoids?
- Trichogramma
 - Trogoderma
 - Apanteles
 - Glossina
- Which is correct?
- 1,2, 3 and 4
 - 2 and 3
 - 1,2 and 4
 - 1 and 3
- **Assertion (A)** : The variability of genes in a gene pool is the raw material of evolutionary change.
- **Reason (R)** : According to Hardy-
- Weinberg Law, the frequencies of particular genes and alleles tend to change.
- Both A and R are true and R is the correct explanation of A
 - Both A and R are true but R is NOT a correct explanation of A
 - A is true but R is false
 - A is false but R is true
14. ◦ **Assertion (A)** : Adapted characters acquired by an organism are not inherited.
- **Reason (R)** : They do not get sufficient time to be fixed at the genetic level.
- Both A and R are true and R is the correct explanation of A
 - Both A and R are true but R is NOT a correct explanation of A
 - A is true but R is false
 - A is false but R is true
- **Assertion (A)** : If cysteine attached to a particular tRNA is converted into alanine, this tRNA with the attached alanine will still go to the cysteine codon of the mRNA.
- **Reason (R)** : The cysteine tRNA carrying alanine will go to the cysteine codon of the mRNA due to the interaction of tRNA with ribosome's.
- Both A and R are true and R is the correct explanation of A
 - Both A and R are true but R is NOT a correct explanation of A
 - A is true but R is false

d. A is false but R is true

15. ○ **Assertion (A)** : The DNA transcription machinery of eukaryotes is considerably more complex.
- **Reason (R)** : The amount of genomic DNA in prokaryotes is much less than that in eukaryotes.
- 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 a correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
- **Assertion (A)** : The record of evolution of birds is sketchy.
- **Reason (R)** : The pneumatic bones of birds make poor fossils.
- 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 a correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
16. ○ **Assertion (A)** : The pedicellariae of Asterias the dermal gills and keep the body surface free from any small animal interfering with respiration.
- **Reason (R)** : Asterias lives on the floor of the sea bottom.
- 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 a correct explanation of A
- c. A is true but R is false
- d. A is false but R is true
- **Assertion (A)** : Leech has suckorial pharynx connected with the body-wall by radiating muscles.
- **Reason (R)** : Leech is an annelid.
- 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 a correct explanation of A
- c. A is true but R is false
- d. A is false but R is true