



BIOLOGY

BOOKS - TRUEMAN BIOLOGY

NEET - 2013 (ANIMAL MORPHOLOGY)

Mcqs

1. What external changes are visible after the last moult of a cockroach nymph?

A. Both fore wings and hind wings develop

B. Labium develops

C. Mandibles become harder

D. Anal cerci develops

Answer: 1



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2. According to Darwin, the organic evolution is due to

A. Competition within closely related species

B. Reduced feeding efficiency in one species due to the presence of interfering species

C. Intraspecific competition

D. Interspecific competition

Answer: 1,3,4



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3. The tendency of population to remain in genetic equilibrium may be disturbed by

- A. lack of mutations
- B. lack of random mating
- C. random mating
- D. lack of migration

Answer: 2



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4. Variation in gene frequencies within populations can occur by chance rather than by natural selection. This is referred to as

1. Random mating

2. Genetic load

3. Genetic flow

4. Genetic drift

A. Random mating

B. Genetic load

C. Genetic flow

D. Genetic drift

Answer: 4



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5. The process by which organisms with different evolutionary history evolve similar phenotypic adaptations in response to a common environmental challenge, is called

A. Non-random evolution

B. Adaptive radiation

C. Natural selection

D. Convergent evolution

Answer: 4



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6. The eye of octopus and eye of cat show different patterns of structure, yet they perform similar function. This is an example of

A. Analogous organs that have evolved due to convergent evolution

B. Analogous organs that have evolved due to divergent evolution

C. Homologous organs that have evolved due to convergent evolution

D. Homologous organs that have evolved due to divergent evolution

Answer: 1



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