BIOLOGY

BOOKS - TRUEMAN BOOK COMPANY BIOLOGY (HINGLISH)

Taxonomy(Systematics)

Assertion And Reason

1. [A] : Allopatric species are geographically isolated whereas sympatric species coexist .

[R] : Allopatric species can be accepted as separate species unless they pass the test of sympatry.

A. If both A and R are true and R is the correct explanation of A

B. If both A and R are true but R is not the correct explanation of A

C. If A is true and R is false

D. If both A and R are false

Answer:

2. Assertion. Species are static units in classification.

Reason. Species do not change with time.

A. If both A and R are true and R is the correct explanation of A

B. If both A and R are true but R is not the correct explanation of A

C. If A is true and R is false

D. If both A and R are false

Answer:

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3. Assertion. Species are static units in classification.

Reason. Species do not change with time.

A. If both A and R are true and R is the correct explanation of A

B. If both A and R are true but R is not the

correct explanation of A

C. If A is true and R is false

D. If both A and R are false

Answer:

4. Assertion. Linnaeus is regarded the father of

taxonomy.

Reason. He gave a scheme of classification which, with a few additions, is still used.

A. If both A and R are true and R is the correct explanation of A

B. If both A and R are true but R is not the correct explanation of A

C. If A is true and R is false

D. If both A and R are false

Answer:

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5. Assertion. Conservative characters are more useful in classification.

Reason. These characters do not change during evolution. Therefore, their similarities show relationships among organisms.

    A. If both A and R are true and R is the correct explanation of A

    B. If both A and R are true but R is not the correct explanation of A

C. If A is true and R is false

D. If both A and R are false

Answer:

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6. Assertion. Linnaeus insisted that the scientific names should be latinized.

Reason. This gives beauty to the names.

A. If both A and R are true and R is the correct explanation of A

B. If both A and R are true but R is not the correct explanation of A

C. If A is true and R is false

D. If both A and R are false

Answer:

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7. Assertion. Hierarchial system of classification is useful in that it reduces the volume of description in a catatogue of animals and plants.

Reason. Characters given for a larger category (say a phylum) need not be repeated for smaller categories (say classes, orders, etc.)

   A. If both A and R are true and R is the correct explanation of A

B. If both A and R are true but R is not the

correct explanation of A

C. If A is true and R is false

D. If both A and R are false

Answer:

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