



BIOLOGY

BOOKS - TRUEMAN BIOLOGY

Protista

Assertion And Reason

1. [A] : Contractile vacuoles in protists show systole and diastole .

[R] : Contractile vacuoles help in osmoregulation .

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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2. [A] : Cellular slime moulds are called communal slime moulds .

[R] : They show division of labour .

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. [A] : The conjugation in Paramecium involves meiosis and fusion of pronuclei of two individuals .

[R] : During conjugation , macronucleus gradually elongates and breaks up into fragments which are absorbed into the cytoplasm .

- 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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4. [A] : Diatoms don't possess flagella but float on water surface .

[R] : They have light weight lipids .

A. 1)If both A and R are true and R is the correct explanation of A

B. 2)If both A and R are true but R is not the correct explanation of A

C. 3)If A is true and R is false

D. 4)If both A and R are false

Answer:



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5. [A] : Trichonympha is a cellulose-digesting zooflagellate found in gut of some insects .

[R] : The protozoan secretes glucosidases which convert cellulose into glucose .

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: There is no chance of transmission of malaria to a man on the bite of a male Anopheles mosquito.

Reason: It carries a non virulent strain of Plasmodium.

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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