



## BIOLOGY

# BOOKS - TRUEMAN'S BIOLOGY (ENGLISH)

## 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. (a) If both A and R are true and R is the correct explanation of A

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

C. (c) If A is true and R is false

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

[R] : The protozoan secretes enzymes 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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