

What effect on the following is the most direct cause of kidney damage?

- A High blood pressure
- B Bilharzia parasite
- C Diabetes
- D High cholesterol

1.1.3 The cartoon below illustrates the possible human impact on our environment. Study the cartoon and answer QUESTIONS 1.1.3–1.1.5.



Which ONE of the following basic requirements for human survival is produced by the innovative design, as illustrated in the cartoon?

- A Water
- B Antibodies
- C Oxygen
- D Optimum body temperature

1.1.4 The bio-chemical reaction that yields the by-product mentioned in QUESTION 1.1.3 is ...

- A cellular respiration.
- B protein synthesis.
- C transpiration.
- D photosynthesis.

1.1.5 Study the following statements:

- (i) A light source is provided day and night.
- (ii) A steady supply of water is provided.
- (iii) The light source is switched off at night.
- (iv) A steady supply of carbon dioxide is guaranteed.

Which ONE of the following combinations is designed to make sure that there is a continuous supply of the by-product mentioned in QUESTION 1.1.3, for human survival?

- A (i), (ii), (iii) and (iv)

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James H. Stronge, Xianxuan Xu



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