

SECTION A**QUESTION 1**

- 1.1** Various possible options are provided as answers to the following questions. Choose the correct answer and write only the letter (A – D) next to the question (1.1.1 – 1.1.5). For example 1.1.5 D.

1.1.1 The basic functional unit of the environment is the...

- A. biosphere.
- B. ecosystem.
- C. population.
- D. lithosphere.

1.1.2 All organisms around the world that live in the same climate share the same...

- A. population.
- B. ecosystem.
- C. biome.
- D. community.

1.1.3 Which of the following processes occur during the nitrogen cycle?

- (i) Consumption of plant protein by herbivores.
- (ii) The decay of dead organisms by decomposers.
- (iii) The conversion of nitrates to nitrites by bacteria.
- (iv) The absorption of nitrates by plants.

- A. (i), (ii) and (iii)
- B. (ii), (iii) and (iv)
- C. (i), and (iv)
- D. (i), (ii) and (iv)

1.1.4 When a jackal kills and eats a rabbit, the jackal is the...

- A. Producer.
- B. Prey.
- C. Predator.
- D. Saprophyte.

1.1.5 Which one of the following is not an abiotic factor?

- A. Height above sea level.
- B. Oxygen in the atmosphere.
- C. Water vapour in the atmosphere.
- D. Bacteria in the soil.

(2 x 5) (10)

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