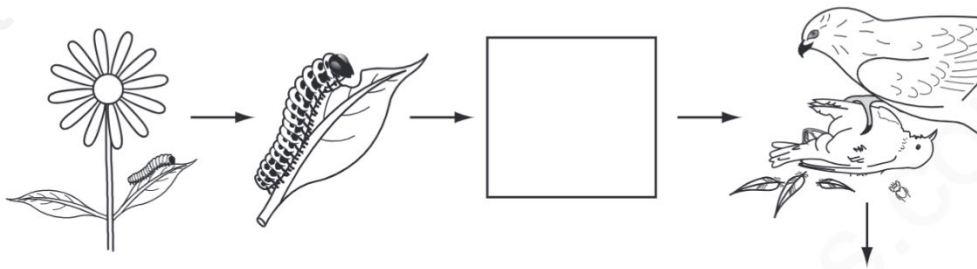


SMART EXAM RESOURCES
0654 COORDINATED SCIENCES [DOUBLE AWARD]
TOPIC QUESTIONS – BIOLOGY [PAPER 2- MCQ]
18.1-Food-chain-Set-1

1.

The diagram shows a food chain.



What does the empty box represent?

- A** consumer
- B** decomposer
- C** photosynthesis
- D** producer

2.

Which statement about all food chains is correct?

- A** All the carnivores are producers.
- B** All the consumers are carnivores.
- C** All the herbivores are consumers.
- D** All the producers are herbivores.

3.

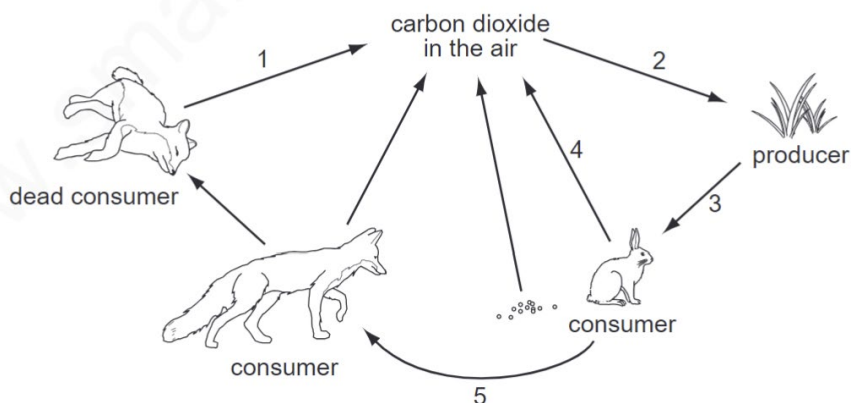
Dung beetles lay their eggs in the dung of plant-eating mammals like buffalo. Both the adult beetles and their young stages eat the undigested food in the dung.

Which shows this food relationship?

- A buffalo → dung beetles
buffalo → grass
- B dung beetles → grass → buffalo
- C grass → dung beetles → buffalo
- D grass → buffalo
grass → dung beetles

4.

The diagram shows part of the carbon cycle which includes a food chain.



Which arrows are part of the food chain?

- A 1 and 2 B 2 and 3 C 3 and 5 D 4 and 5

5.

The flow chart shows part of a food chain.

grass → rabbit → fox

What describes the rabbit?

- A consumer and carnivore
- B consumer and herbivore
- C producer and carnivore
- D producer and herbivore

6.

In a food chain, what do all living organisms get from their food?

- A** a supply of water
- B** oxygen for respiration
- C** protection from disease
- D** the energy they need

7.

Which statement about food chains is correct?

- A** A carnivore is a consumer that gets its energy from plants.
- B** A carnivore is a producer that gets its energy from animals.
- C** A herbivore is a consumer that gets its energy from plants.
- D** A herbivore is a producer that gets its energy from animals.