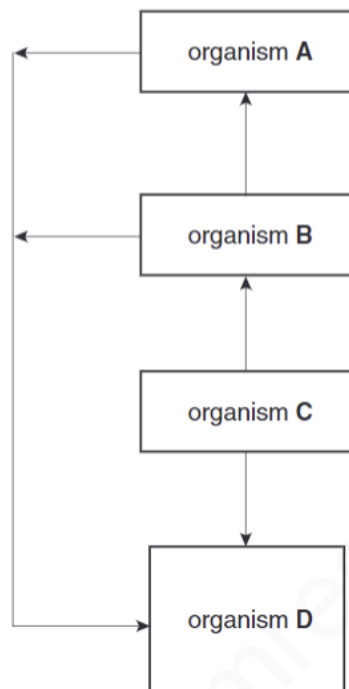


SMART EXAM RESOURCES
0654 COORDINATED SCIENCES [DOUBLE AWARD]
TOPIC QUESTIONS – BIOLOGY [PAPER 2- MCQ]
18.0.0-Food-Chain-Basics-Set-1

1.

The diagram shows the flow of energy in a food chain.

Which organism is the producer in the food chain?



2.

The diagram shows a food chain.

phytoplankton → small fish → large fish → killer whale

Which are consumers?

- A** killer whales only
- B** killer whales and large fish only
- C** killer whales, large fish and small fish only
- D** phytoplankton only

3.

The diagram shows a food chain.

oak tree → insect → small bird → hawk

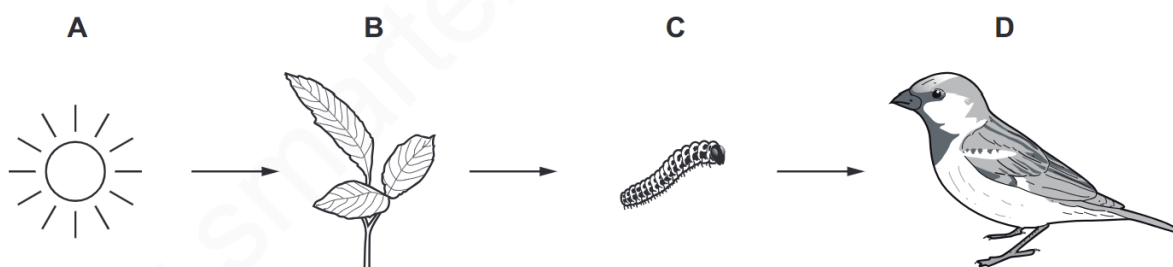
Which statement describes a member of this food chain?

- A** The oak tree is a consumer.
- B** The insect is a producer.
- C** The small bird is a consumer.
- D** The hawk is a producer.

4.

The diagram shows a food chain.

Which is the producer?



5.

Why are green plants called producers?

- A** They can make oxygen from sunlight.
- B** They form organic nutrients from simple substances.
- C** They have cells containing chlorophyll.
- D** They produce starch from sugar.

6.

What is released by decomposers from decaying organic matter?

- A** carbohydrates
- B** inorganic ions
- C** oxygen
- D** protein

7.

The diagram shows a food chain.

beech tree → insect → shrew → owl

Which statement is correct?

- A** The beech tree is a consumer.
- B** The insect is a producer.
- C** The owl is a carnivore.
- D** The shrew is a herbivore.

8.

The diagram shows a food web of four organisms. The arrows in the diagram show the flow of energy in the food web.

Which organism is a producer?

