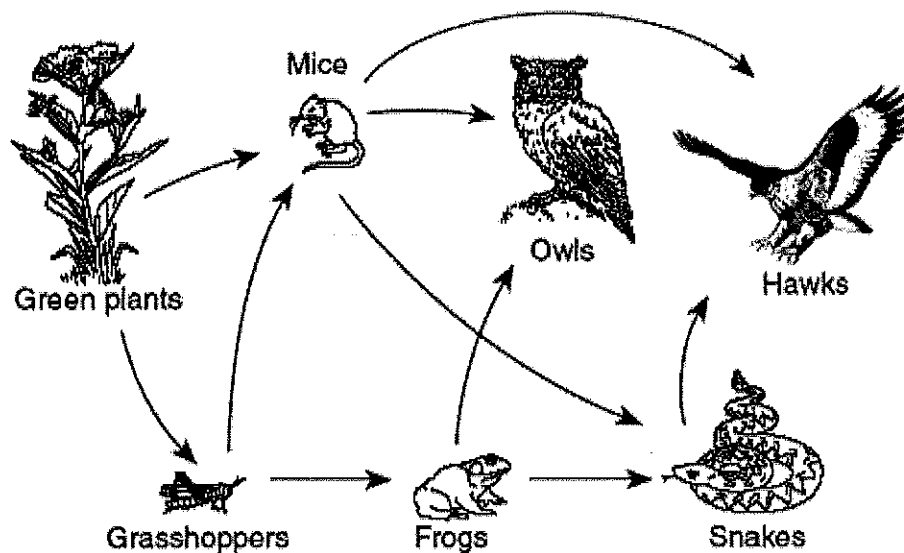


The next two questions refer to the following diagram



13. Which of the organisms in the food web are **herbivores**?
- a) Green plants only
 - b) Mice only
 - c) Grasshoppers only
 - d) Both mice and grasshoppers
14. The **hawk** is
- a) a herbivore
 - b) a top predator.
 - c) a omnivore.
 - d) a producer.
15. Which of the following organisms has been **introduced** to Australia?
- a) Rabbit
 - b) Koala
 - c) Frilled-neck lizard
 - d) Kangaroo

Year 7 Answers

2020.

Multiple Choice Answer Section

Circle your answer:

- | | | | | | | | |
|---------------------------------------|------------------------------------|------------------------------------|------------------------------------|--|------------------------------------|------------------------------------|------------------------------------|
| 1. <input checked="" type="radio"/> A | B | C | D | 9. A | B | C | <input checked="" type="radio"/> D |
| 2. A | <input checked="" type="radio"/> B | C | D | 10. A | B | C | <input checked="" type="radio"/> D |
| 3. A | B | <input checked="" type="radio"/> C | D | 11. A | B | <input checked="" type="radio"/> C | D |
| 4. A | <input checked="" type="radio"/> B | C | D | 12. A | B | C | <input checked="" type="radio"/> D |
| 5. A | <input checked="" type="radio"/> B | C | D | 13. A | B | C | <input checked="" type="radio"/> D |
| 6. A | B | <input checked="" type="radio"/> C | D | 14. A | <input checked="" type="radio"/> B | C | D |
| 7. A | <input checked="" type="radio"/> B | C | D | 15. <input checked="" type="radio"/> A | B | C | D |
| 8. A | B | C | <input checked="" type="radio"/> D | | | | |

TOTAL MARK FOR M/C: _____ /15 MARKS

SECTION 2: WRITTEN

Write your answers in the spaces provided.

1. There are many different places where organisms can live, each with different climate and resources. These places are called ecosystems or biomes.

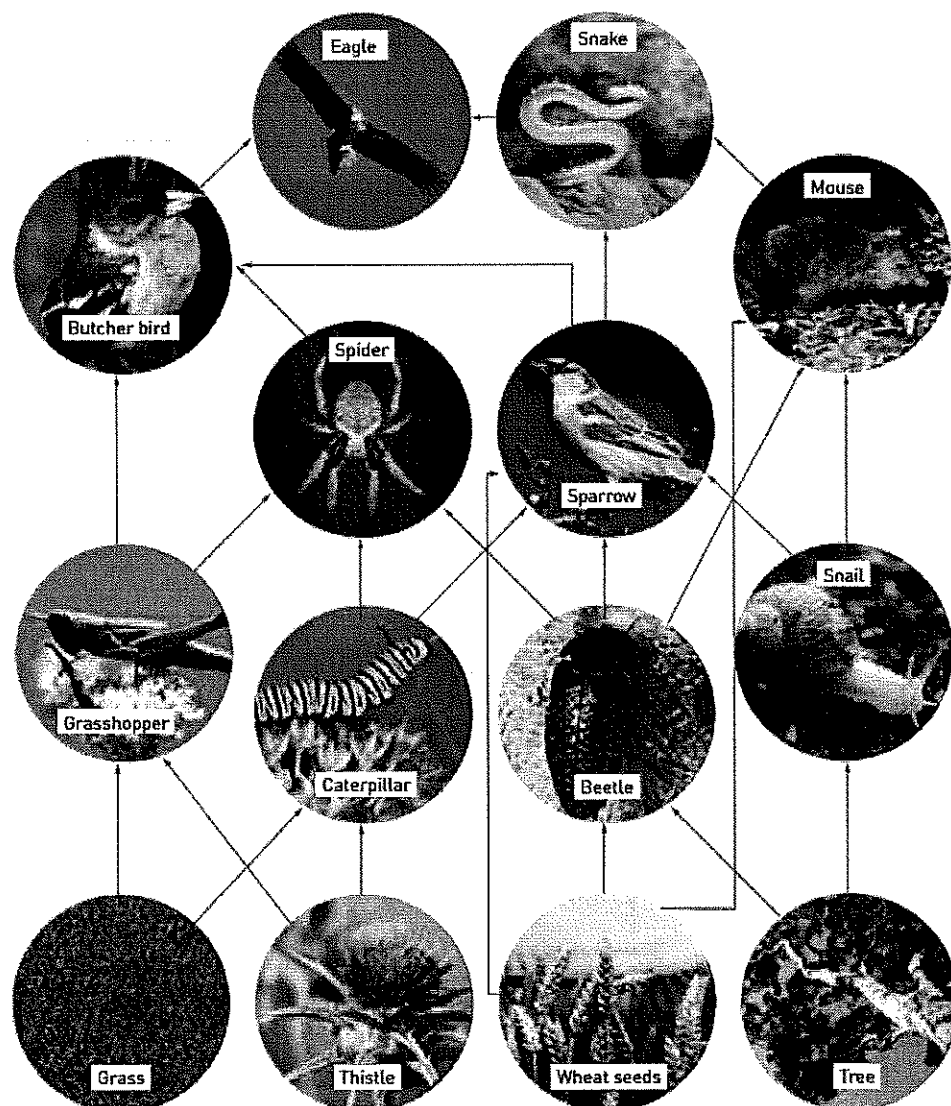
List three different types of ecosystems where organisms can live: (3 marks)

- (i) Rainforest
- (ii) Woodland
- (iii) Coral Reef *Any reasonable answer.*

2. **Match** the terms with their meanings by drawing a line between the two. (8 marks)

- | | | | |
|----|---|-------------------|-------------|
| a) | The animal that is eaten | <i>prey</i> | nocturnal |
| b) | Living factors in the environment | <i>biotic</i> | herbivore |
| c) | The flow of energy from one organism to another organism | <i>food chain</i> | environment |
| d) | A characteristic that assists an organism to survive | <i>adaptation</i> | habitat |
| e) | The place where an organism lives | <i>habitat</i> | biotic |
| f) | All the things that affect a plant or animal in its habitat | | prey |
| g) | Eats only plants | <i>herbivore</i> | food chain |
| h) | Active at night | <i>nocturnal.</i> | adaptation |

3. **Examine** the food web below:



a) List one producer in the food web. (1 mark)

Grass / Thistle / Wheat / Tree.

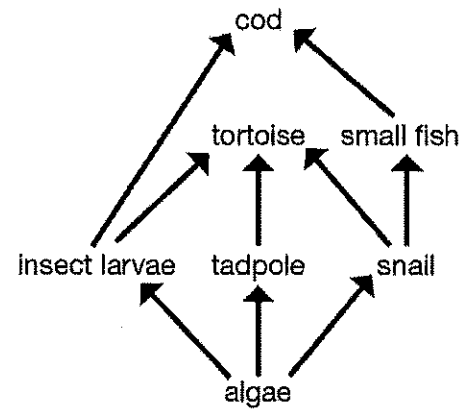
b) Name two animals which act as both a second-order consumer *AND* a third-order consumer. (2 marks)

Butcher Bird and Snake.

c) Name one top-order consumer. (1 mark)

Eagle or Snake

4. The diagram represents a food web in a freshwater creek.



- a) **Explain** what the arrow in a food web represents.

(1 mark)

Energy flow

- b) What is the **relationship** between insect larvae and cod?

(1 mark)

predator - prey

- c) **Identify** and **record** two different food chains that includes the tortoise.

(2 marks)

(1) Algae → insect larvae → tortoise
+ plus one other
must have arrows in right direction

- d) What would **happen** to the population of cod if the small fish were removed from the lake by too much fishing?

(1 mark)

cod would have only insect larvae
to feed on

population likely to decrease. (1)

END OF TEST (OUT OF 35 MARKS)

