

Name: _____

Q.1

The cartoon represents global warming.
How can human activity give rise to global warming?



How ? _____

Give one effect of global warming.

Give _____

(6)

Q.2

Four methods of waste management are:
composting, incineration, landfill and recycling.



(i) Pick **two** from the list and state how each works. The name of the selected method must be given with each.

First name _____

How it works _____

Second name _____

How it works _____

(ii) Give **one** advantage and **one** disadvantage of a named method.

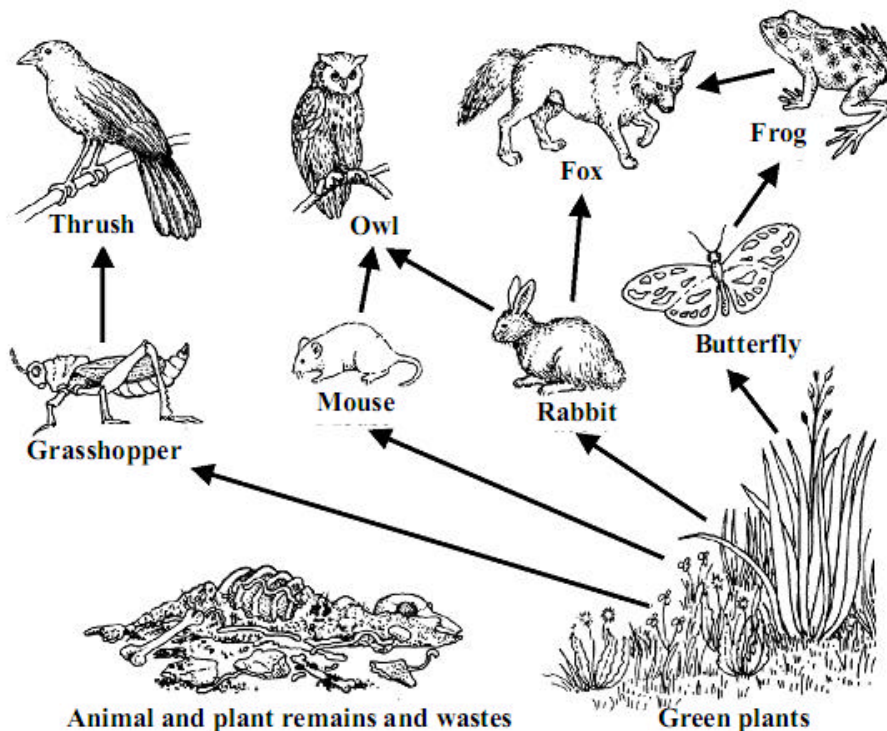
Method _____ Advantage _____

Disadvantage _____

(21)

Q.3

The diagram shows a simplified food web from a mixed habitat.



Answer the following questions using only items from the diagram above in your answers. (21)

(i) Write a food chain with three members.

(ii) Decomposers are not shown in the diagram. What would decomposers feed on?

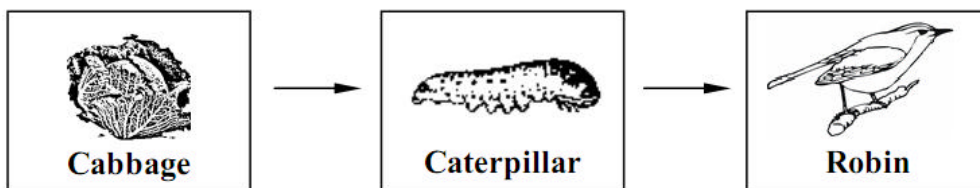
(iii) Give **one** example of adaptation.

(iv) Name **two** animals that might be in competition.

1 _____ 2 _____

(v) What is meant by the term interdependence?
Give an example of interdependence.

Q.4



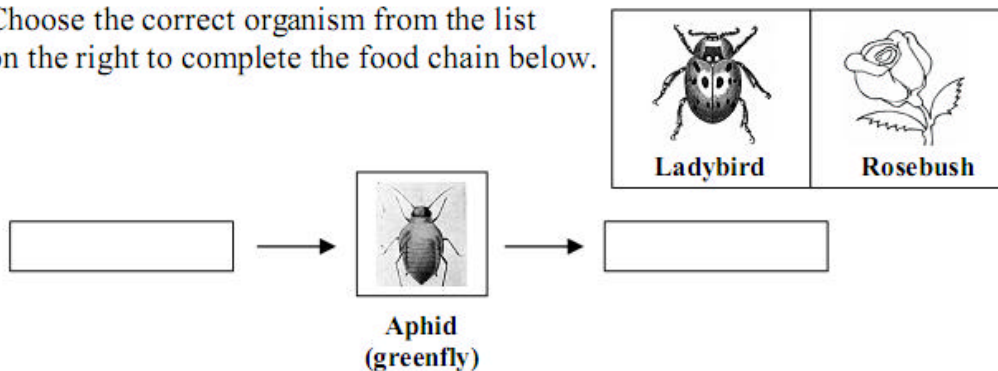
Name the **producer** in the food chain shown above. _____ (3)

Give **one** example of competition between animals in the habitat that you have studied. (3)

Example _____

Q.5

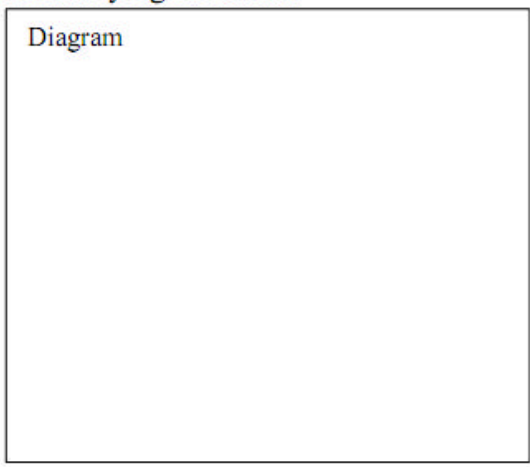
Choose the correct organism from the list on the right to complete the food chain below.



Draw a diagram of a piece of equipment used by you to collect or trap insects or small animals when you were studying a habitat.

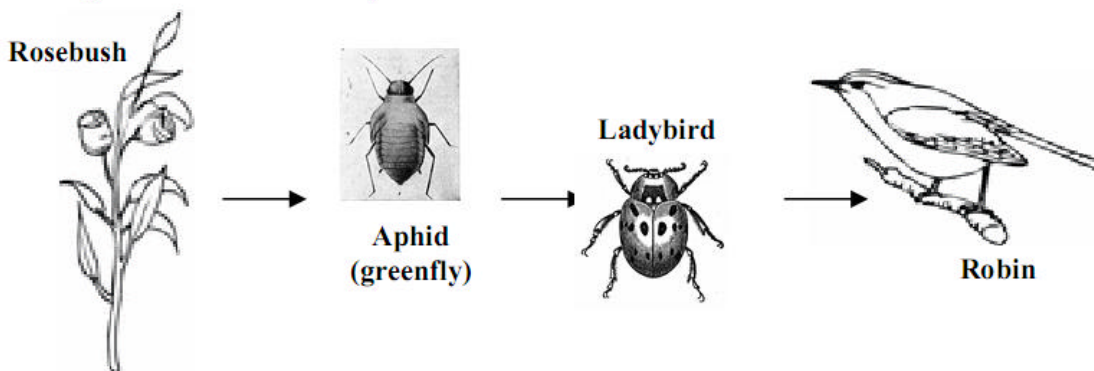
Name the piece of equipment.

Explain how it was set up or used.



Q.6

The food chain below relates to a garden habitat.
Study it and answer the questions that follow.



Name a **producer** in this food chain. _____

Name a **consumer** in this food chain. _____

Explain how the removal of ladybirds would affect the greenfly population in this habitat?

(9)

Q.7

Plastics are widely used to make bags, bottles, lunchboxes, crates etc.

From which **raw material** are most plastics manufactured?



Plastics can be non-biodegradable i.e. they do not decompose.

Give **one reason** why this affects the environment.

(6)