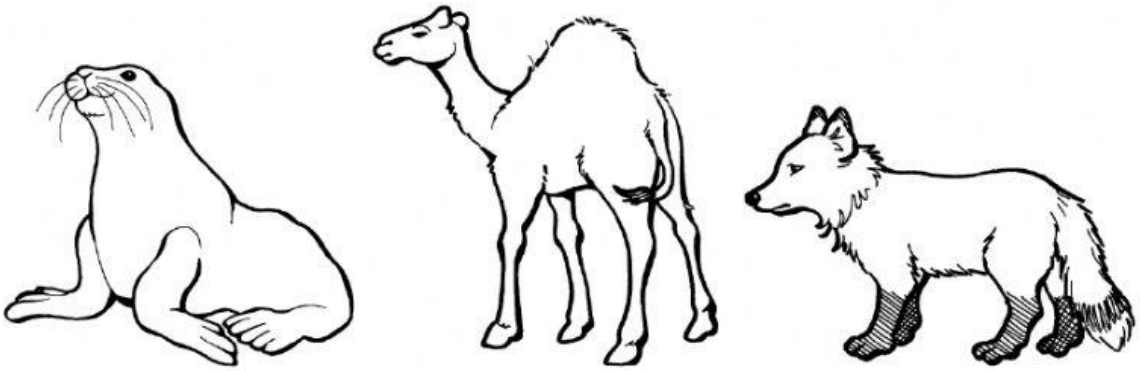
1. Figure 1.1 shows the three type of animals



P **Q** **R**

Figure 1.1

(a) Based on Figure 1.1, which of the following animals live in the region of

(i) hot climates :_____

(ii) cold climates :_____

[2 marks]

(b) State the specific characteristics of each animal in Figure 1.1 to protect themselves from extreme weather.

	Animals	Special characteristics
(i)	P	
(ii)	Q	
(iii)	R	

[3 marks]

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2. Plants have special characteristics to adapt themselves from climate and seasonal changes. Figure 2.1 shows one types of plant.



Figure 2.1

(a) What is the special characteristic of plant in Figure 2.1 to prevent themselves from crashing down when there is strong wind?

_____

[1 mark]

(b) Rubber tree loses water through the leaves. What does a rubber tree do during dry season?

_____

_____

[1 mark]

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(c) Figure 2.2 shows two types of plants that are not watered for a week.



Balsam tree



Cactus

Figure 2.2

i. Predict what will be happen to balsam tree and cactus after one week.

Balsam tree : _____

Cactus : _____

[1 mark]

ii. State the reason based on your answer given in 2 (c) (i)

_____

_____

[1 mark]

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3. Table 1 shows how the three animals ensure the survival of their species.

Animals	The number of eggs produced	How animals take care of their eggs
Duck	5	Protect their eggs
Fish	500	Let the eggs hatch itself
Turtle	100	Let the eggs hatch itself

Table 1

(a) Apart of the large number of eggs, specify another way how the turtle ensures survival of its species. .

_____

[1 mark]

(b) How the duck ensures the survival of its species after its eggs are hatched?

_____

[1 mark]

(c) Figure 3.1 shows an example of animal species. How does the animal in Figure 3.1 take care of its young?

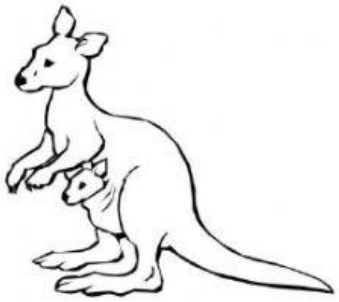


Figure 3.1

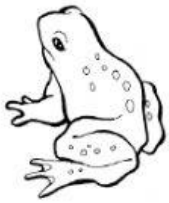
_____

[1 mark]

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(d) Figure 3.2 shows an animal.



i. State how the animal in Figure 3.2 protect its eggs from enemies.

_____

[1 mark]

ii. In your opinion, does the animal in Figure 3.2 become extinct if its eggs are not protected?

☐ Yes ☐ No

Give a reason

_____

_____

[1 mark]

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4. Figure 4.1, shows a habitat.



Figure 4.1

(a) What is the **second user** in the habitat in Figure 4.1?

_____

[1 mark]

(b) Based on a habitat in Figure 4.1, construct **one** food chain.

_____

[1 mark]

(c) Construct a food web based on the Figure 4.1

[1 mark]

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(d) Figure 4.2 shows a food chain in oil palm plantation.

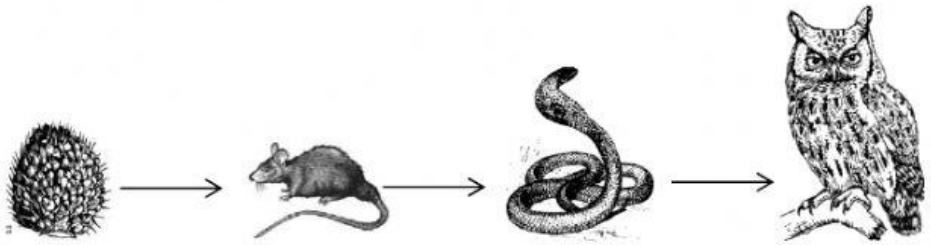


Figure 4.2

A farmer had killed all the rats by using poison. What will be happen to the number of snakes? Give reasons.

Number of snakes : _____

Reason : _____

_____

[2 marks]

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5. Figure 5.1 shows the sources of energy.

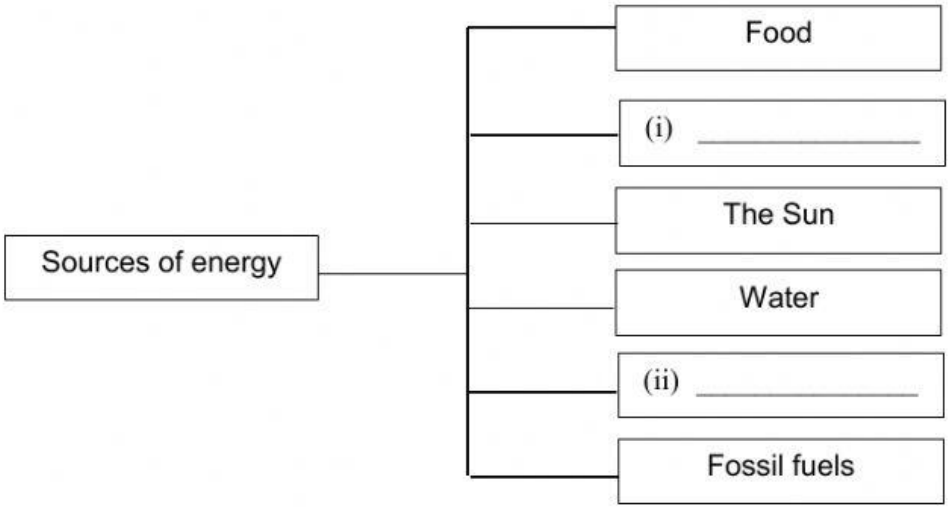


Figure 5.1

(a) Complete Figure 5.1 with another **two** type of sources of energy.

[2 marks]

(b) What is energy?

_____

_____

[1 mark]

(c) State the importance of energy to the living things.

._____

_____

[1 mark]

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6. There are various sources of renewable energy and non-renewable energy.

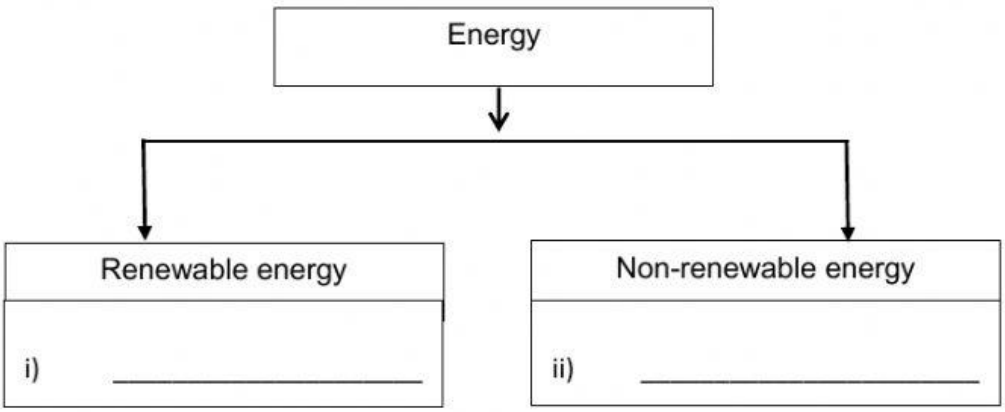


Figure 6.1

(a) State examples of energy in 6 (i) and 6 (ii) in Figure 6.1 above.

[2 marks]

(b) Why renewable energy source is better than non-renewable energy?

_____

_____

[1 mark]

(c) State the sources of energy that do not pollute the environment.

_____

[1 mark]

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