

Q 2: Study the following food web and answer the following questions

- a) Name the producers in this food web? Grass, Oak leaves.
- b) How many consumers are there in this food web? 8 Consumers.
- c) Name the prey of the hedgehog? <u>Snail, earthworm.</u>
- d) Which of these animals is a prey and predator at the same time?

Hedgehog, weasel.

- e) What is the main source of energy in any food chain? The sun.
- f) Name the predator of the Weasel. The Fox

g) Name the primary consumers in this food web.

Snail, vole, rabbit, earthworm.

h) Name the secondary consumers in this food web.

Hedgehog, weasel, fox, owl.

i) Name the top predators in this food web.

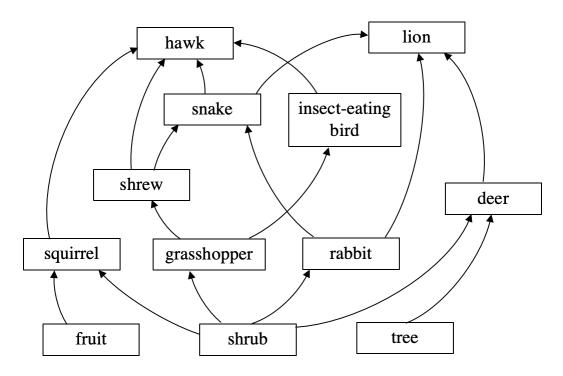
Owl, fox.

j) What do the arrows represent in this food web?

The flow of energy.

- k) Construct **three** food chains from this food web.
 - 1. Grass→ Rabbit → Fox
 - 2. <u>Oakleaves → Vole → Owl</u>
 - 3. Oakleaves → Snail → Hedgehog → Fox
 - 4. Oakleaves → Earthworm → Hedgehog → Fox

Q 2: A living thing may belong to more than one food chain. Several food chains can be linked together to form a food web. A food web in a habitat is shown below.



(a) What is the main source of food for the shrew?

Grasshopper.

(b) What would happen to shrews if the food source in (a) was removed from the

habitat?

Shrews will not have food and they will die.

(c) Which two animals eat the rabbit?

Lion and snake.

(d) Write down **one** food chain for the grasshopper.

Shrub → Grasshopper → Shrew → Hawk

(e) Write down **one** food chain for the lion.

Tree → Deer → Lion.