

SUVA SANGAM COLLEGE
YEAR 10
BASIC SCIENCE
WORKSHEET 6

Question 1

Symbiosis relationships are relationships between living things that increases their chances of survival and reproduction.

i) Distinguish between the two term:

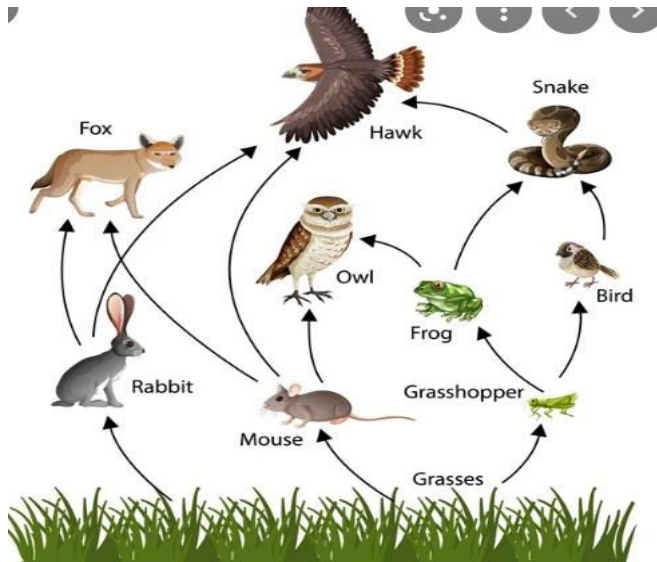
Commensalism and Mutualism

ii) Differentiate between intra and inter specific competition.

iii) Determine which one is fierce and give a reason.

Question 2

From the food web shown:



i) From the above food web, construct a food chain that has a producer, primary, secondary and tertiary consumers.

ii) What effect will it to the food chain if a farmer sprayed pesticides and killed most of the grasshopper.

iii) Which one of the above carnivores has the most varied diet?

Question 3

Ocean Zone is divided based on the water depth, the amount of sunlight and the water temperature.

i) Distinguish between the two Intertidal and Benthic Zone. Give at least some example of animal that lived there.

Corals are animals that is very useful to us island countries. There provide a variety of resources to us.

ii) Name the two species that makes up the coral reef.

iii) How does a coral feed?

iv) What is the difference between hard corals and soft corals.

iv) Briefly explain some importance of coral reefs