

SUVA SANGAM COLLEGE

YEAR 10

BASIC SCIENCE

WORKSHEET 5

Question 1

Taxes and kinesis are examples of orientation behaviours of certain organism

- i) Differentiate between taxes and kinesis with examples
- ii) With reference to above question, explain how these movements benefits the organism

Question 2

Tropisms has also help the plant with its survival in its habitat or surrounding.

- i) Define tropism
- ii) Give at least two examples of tropisms and explain how it help the plant.

Question 3

Every organism needs food in order to live and has to get that food somewhere.

- i) Differentiate between autotrophs and heterotrophs

In a food chain, there should be a producer, herbivores and a carnivore with exception if omnivores could the four group added into a proper food chain

- ii) In a coral reef ecosystem, construct a proper food chain that has all the groups of a proper food chain.
- iii) There is one group in the feeding relationship that connects all the four group together. Which group is this?