

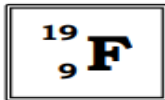
**Y10 BASIC SCIENCE
RECAP WORKSHEET 4**

DAY 1

1. Define atom.
2. Complete the table given below on the constituents of an atom.

| Sub- atomic particle | Charge | Where it is found |
|-----------------------------|---------------|--------------------------|
| Neutron | | |
| Electron | | |
| Proton | | |

3. The diagram below shows an element.



- a) Name the element.
- b) State the mass number of the above element.
- c) Calculate the number of neutrons present in the above element.
(Show full calculation).

DAY 2

1. What will happen if :
 - a) We go on cutting trees.
 - b) The habitat of an animal is disturbed.
 - c) The top layer of the soil is exposed.
2. Discuss what a “Carbon sink” is.
3. Explain the meaning of :
 - a) Endangered
 - b) Endemic
 - c) Extinct

DAY 3

1. **IUCN Red List** of Threatened Species is a complete list of conservation information of plants and animals around the world.
List down all the IUCN Red List species of Fiji.
2. Define the following:
 - a) Sanctuary
 - b) National Park
 - c) Biosphere Reserve.
3. How are sharks highly vulnerable to overfishing?

DAY 4

1. Identify three of the common historical fishing practices.
2. Identify two types of fishing that results in a lot of by catch.
3. Describe how turtles breed.

DAY 5

1. Define the following terms:
 - a) Eutrophication
 - b) Ocean Acidification
 - c) Algal Bloom
2. Give three examples of how marine ecosystem serves as a :
 - a) Food source for humans.
 - b) Habitat for marine organisms
 - c) Source of income.

THE END