



TEST PAPER: BIOLOGY

Time: 45 Minutes

Class: ICSE 8

Max. Marks: 30 Marks

Date: 8th Aug 2018

Marking Scheme: All questions carry 10 marks each. Subparts (A) and (B) carry 3 marks each and subpart (C) carries 4 marks.

Question 1:

A. What will happen if-

1. Herbivores are removed from an ecosystem.
2. All carnivores die.
3. A new resort is being built by cutting trees in a forest.

B. Explain three factors that have caused extensive modification of vegetation and depletion of forest cover.

C. Explain.

1. Need to restore & conserve ecosystems.
2. Describe the pyramid of numbers & biomass.

Question 2.

A. Differentiate (two each).

1. Flora & fauna.
2. Producers & consumers.
3. First level & second level consumers.

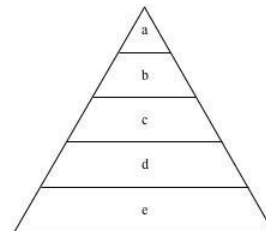
- B.**
1. What are detritivores & decomposers? Why are they important in an ecosystem?
 2. What is the significance of food web?

C. Define.

1. Ecosystem.
2. Forest.
3. Food chain.
4. Food web.

Question 3.

- A.**
1. Label the diagram.
 2. Give an example of each.
 3. Explain what a trophic level is.



B. Give reason.

1. Tigers are called second level carnivores.
2. Fungi are called saprotrophs.
3. Forests are lungs of our earth.

C. Describe four abiotic factors of an ecosystem.