

Section A Self-Test Answers

Question 1

What Category 1 elements are found in living matter?

Answer

Carbon, hydrogen, nitrogen, oxygen, phosphorous and sulphur

Question 2

What is the difference between inorganic and organic carbon compounds?

Answer

Organic carbon compounds contain hydrogen or only organic carbon compounds can be used as a source of nutrition by humans and animals.

Question 3

What is the role of the membrane in a cell?

Answer

The membrane of a cell is protective in that it forms a barrier to the external environment and also regulatory. The cell membrane regulates the movement of food in and the transport of waste out of the cell.

Question 4

What two features characterise the Eukaryotic cell?

Answer

Two features that characterise the Eukaryotic cell are it has a membrane enclosed nucleus within which DNA is located and the cytoplasm is organised into distinct structures called organelles.