

Bio molecules

Fill in the Blanks

The bodies of all organisms are made up of various _____ compounds.

About _____ elements are present in the living body out of the 92 found in nature.

The four main elements found in the human body are Carbon, Hydrogen, Oxygen, and _____.

Compounds that contain Carbon are called _____ compounds.

Compounds that do not contain Carbon are called _____ compounds.

Carbon dioxide and carbonates are _____ compounds that contain Carbon.

The main biomolecules found in living organisms are Carbohydrates, Proteins, Lipids, and _____ acids.

_____ are organic compounds required in small quantities for maintaining life.

_____, minerals, and gases are essential inorganic molecules.

The element that makes up the highest percentage of the human body is _____.

What is the main difference between organic and inorganic compounds?

What are the basic building units (monomers) of proteins?

Key words

nitrogen

chemical

organic

inorganic

oxygen

25

vitamins

nucleic

water

inorganic

Fill in the blanks to complete the chemical equation for the formation of a disaccharide from two monosaccharides.

Glucose + Glucose _____ + _____

Glucose + Fructose _____ + _____

Glucose + Galactose _____ + _____

Bio molecules - Answer Key

Fill in the Blanks

The bodies of all organisms are made up of various **chemical** compounds.

About **25** elements are present in the living body out of the 92 found in nature.

The four main elements found in the human body are Carbon, Hydrogen, Oxygen, and **Nitrogen**.

Compounds that contain Carbon are called **organic** compounds.

Compounds that do not contain Carbon are called **inorganic** compounds.

Carbon dioxide and carbonates are **inorganic** compounds that contain Carbon.

The main biomolecules found in living organisms are Carbohydrates, Proteins, Lipids, and **nucleic** acids.

vitamins are organic compounds required in small quantities for maintaining life.

water, minerals, and gases are essential inorganic molecules.

The element that makes up the highest percentage of the human body is **Oxygen**.

What is the main difference between organic and inorganic compounds?
Organic compounds contain Carbon, whereas inorganic compounds do not contain Carbon.

What are the basic building units (monomers) of proteins?

amino acids

Key words

nitrogen
 chemical
 organic
 inorganic
 oxygen
 25
 vitamins
 nucleic
 water
 inorganic

Fill in the blanks to complete the chemical equation for the formation of a disaccharide from two monosaccharides.

Glucose+Glucose **Maltose** + **Water**

Glucose+Fructose **Sucrose** + **Water**

Glucose+Galactose **Lactose** + **Water**