

Name: Date:

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 _____ + _____

Name: Date:

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.

Key words

nitrogen
chemical
organic
inorganic
oxygen
25
vitamins
nucleic
water
inorganic

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

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