

Macromolecules

Bell work – Teacher Edition

I. MULTIPLE CHOICES. Select the best answer.

1. The type of bond occurring between the carbon atoms is a/an _____.
 - a) Ionic bond
 - b) Covalent bond
 - c) Hydrogen bond
 - d) Metallic bond

2. Which of the following biomolecules provides energy and support to the plant?
 - a) Starch
 - b) Protein
 - c) Lipid
 - d) Cellulose

3. When many monomers are linked together they produce a _____.
 - a) Protein
 - b) Lipid
 - c) Polymer
 - d) Amino acids

II. True or False?

1. The peptide bond joins two monosaccharides together.

2. An enzyme is an example of a lipid.

III. Define the dehydration reaction.

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Answers

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II. True or False?

1. The peptide bond joins two monosaccharides together. **(False)**

2. An enzyme is an example of a lipid. **(False)**

III. Define the dehydration reaction.

In this reaction, the small molecules that are attached together to make the biomolecule have a hydrogen atom (–H) and a hydroxyl group (–OH) group which are removed to release water. These subunits become bonded by a covalent bond, as a water molecule released.