

# Macromolecules Bell work

**I. MULTIPLE CHOICES.** Select the best answer.

1. The type of bond occurring between the carbon atoms is \_\_\_\_\_.
  - a) Ionic bond
  - b) Covalent bond
  - c) Hydrogen bond
  - d) Van der Waals bond
  
2. Which of the following biomolecules provide energy and support to the plant?
  - a) starch
  - b) Protein
  - c) Lipid
  - d) Cellulose
  
3. When many monomers are linked together they produce \_\_\_\_\_.
  - a) Protein
  - b) Lipid
  - c) Polymer
  - d) Amino acids

**II. Put (True) or (False):**

1. The peptide bond joins two monosaccharides together.
2. The enzymes are the examples of the lipids.

**III. Define the dehydration reaction.**

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## Answers

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### II. Put (True) or (False):

1. The peptide bond joins two monosaccharides together. **(False)**
2. The enzymes are the examples of the lipids. **(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.