

Determine which monosaccharide is the monomer for glycogen, starch and cellulose is  
GLUCOSE

Determine which of the following joined the amino acids present in proteins  
AMIDE LINKAGE

Identify in terms of how its monomers are bonded together, to which synthetic polymer does a protein most closely correspond?  
POLYAMIDE

Identify which polymer is **incorrectly** matched with its use?  
PS – CONTACT LENSES

Identify which of the following connect all polysaccharides consisting of sugar monomers  
GLYCOSIDIC LINKAGES

Identify which of the following the peptide linkage found in proteins is chemically the same?  
DOUBLE BOND

Identify which of the following determines the primary structure of a protein.  
THE IDENTITY AND ORDER OF AMINO ACIDS

Identify which of the following best describe **thermoplastic**.  
IT WILL BECOME FLUID REPEATEDLY UPON HEATING

Identify which of the following best describe a polymer chains in high density polyethylene are \_\_\_\_\_ in low density polyethylene they are \_\_\_\_\_.  
CROSS LINKED;BRANCHED

Identify which of the following can stabilize the tertiary structure of a protein.  
ALL OF THE CHOICES

Determine which of these synthetic polymers is most closely related to the natural protein polymers?  
NYLON

Identify which substance serves the same function in plants that glycogen does in animals?  
STARCH

Identify which of the following best described in the statement: Monomers used to produce addition polymers usually contain \_\_\_\_\_ in their molecular structure.  
DOUBLE BONDS

Identify the primary function of cellulose  
STRUCTURAL SUPPORT FOR PLANTS

Determine how many of these functions is/are carried out by proteins: catalysis, transport, protection against disease, physical motion?

Identify the best statement(s) about production of Polyamides.

IT CAN BE PRODUCED FROM TWO MONOMERS.....

Identify the most abundant organic compound in living systems on earth is

CELLULOSE

Determine which of the following best described in the following statement "Polyester" (poly(ethylene terephthalate)) produced by a(an) \_\_\_\_\_ reaction between terephthalic acid and \_\_\_\_\_.

CONDENSATION;ETHYLYENE GLYCOL

Identify which polymer returns to its original size and shape after being stretched is said to be

ELASTOMERIC

Identify which group contains only examples of addition polymers?

POLYSTRENE, POLYPROPYLENE, POLYVINYLCHLORIDE

Identify the best answer to this statement: In 1839, Charles Goodyear discovered that heating natural rubber in the presence of \_\_\_\_\_ produces vulcanized rubber.

SULFUR

A peptide linkage forms when the \_\_\_\_\_ group of one amino acid reacts with the carboxylate group of another amino acid in a(an) \_\_\_\_\_ reaction.

CARBOXYLATE;HYDROYSIS

Identify which can define the secondary structure of a protein?

THE DEGREE OF INTERACTION....

*Identify* which group contains **no** examples of condensation polymers?

POLYSTYRENE, .....

Identify which polymer used to make food and drink coolers and building insulation material.

POLYSTYRENE