



Name _____ Class _____ Date _____

- 1 Before the **storage** of **products of photosynthesis** can be used by a plant, they must be
- A converted to simpler molecules by intracellular digestion
 - B digested in a specialized digestive system
 - C broken down by extracellular digestion
 - D hydrolyzed in multinucleated filaments

- 2 **Transport** of molecules within animal cells is assisted by a **system of internal membranes** that make up the
- A endoplasmic reticulum
 - B mitochondria
 - C ribosomes
 - D chloroplast

- 3 **Hemoglobin, insulin, albumin,** and **maltase,** which are composed of **chains of amino acids,** are examples of
- A proteins
 - B carbohydrates

- 4 The **bond** that joins two **amino acids** together is known as a(n)
- A double bond
 - B hydrogen bond



PREVIEW

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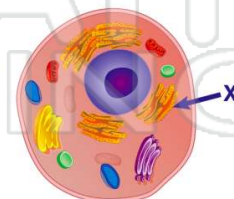
- 9
- B cellular reproduction
 - C diffusion
 - D digestion

- B fat
- C DNA
- D glucose



- 9 The diagram below represents two molecules that can **interact** with each other to **cause a biochemical process** to occur in a cell.
-
- Molecules A and B most likely represent
- A a protein and a chromosome
 - B a receptor and a hormone
 - C a carbohydrate and an amino acid
 - D an antibody and a hormone

- 10 The **organelle** labeled X in the cell represented below is a
- A ribosome
 - B mitochondrion
 - C nucleus
 - D nucleolus





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1 Before the **storage** of **products of photosynthesis** can be used by a plant, they must be

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(A)


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(A)

3 **Hemoglobin, insulin, albumin,** and **maltase,** which are composed of **chains of amino acids,** are examples of

A proteins
B carbohydrates



(A)

4 The **bond** that joins two **amino acids** together is known as a(n)

A double bond
B hydrogen bond

(D)



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7

B cellular reproduction
C diffusion
D digestion

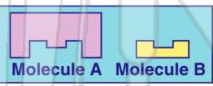
(A)

B fat
C DNA
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(D)

9 The diagram below represents two molecules that can **interact** with each other to **cause a biochemical process** to occur in a cell.



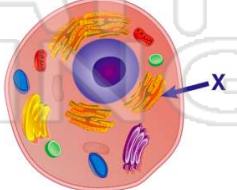
Molecules **A** and **B** most likely represent

A a protein and a chromosome
B a receptor and a hormone
C a carbohydrate and an amino acid
D an antibody and a hormone

(B)

10 The **organelle** labeled **X** in the cell represented below is a

A ribosome
B mitochondrion
C nucleus
D nucleolus



(A)