



Name _____ Class _____ Date _____

1 Which of these organic compounds contains a carboxyl group of $-\text{COOH}$ and an amino group of $-\text{NH}_2$?

- A proteins
- B carbohydrates
- C fats
- D sugar

2 The diagram below shows a long chain of **sugar molecules**. This long chain is called a _____.

- A protein
- B DNA
- C polymer
- D fat



3 While starch forms in a coil shape of glucose molecules, this complex carbohydrate found in **fruits** and **vegetables** is a linear chain. What is the name of the **polymer** drawn below?

- A cellulose



4 Bread, rice, and potatoes contain many **complex carbohydrates** called _____.

- A DNAs
- B starches
- C spices
- D vegetable oils



5

PREVIEW

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7

A aluminum
B iron
C copper
D carbon



- B sugars
- C fats
- D minerals



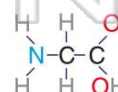
9 The **organic compound** responsible for blue eyes or other **traits** is _____.

- A sugar
- B fat
- C DNA
- D a vitamin



10 The drawing below is of an **amino acid**. If these molecules were connected into a **long chain**, it would be called a _____.

- A carbohydrate
- B protein
- C vitamin
- D mineral





ANSWER KEY

Which of these organic compounds contains a carboxyl group of $-\text{COOH}$ and an amino group of $-\text{NH}_2$?

- A proteins
- B carbohydrates
- C fats
- D sugar

(a)

The diagram below shows a long chain of **sugar molecules**. This long chain is called a _____.

- A protein
- B DNA
- C polymer
- D fat



(c)

While starch forms in a coil shape of glucose molecules, this complex carbohydrate found in **fruits** and **vegetables** is a linear chain. What is the name of the **polymer** drawn below?

- A cellulose
- B octane
- C DNA
- D



(a)

Bread, rice, and potatoes contain many **complex carbohydrates** called _____.

- A DNAs
- B starches
- C spices
- D vegetable oils



(b)



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- A
- B iron
- C copper
- D carbon



- D minerals



The **organic compound** responsible for blue eyes or other **traits** is _____.

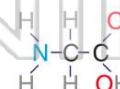
- A sugar
- B fat
- C DNA
- D a vitamin



(c)

The drawing below is of an **amino acid**. If these molecules were connected into a **long chain**, it would be called a _____.

- A carbohydrate
- B protein
- C vitamin
- D mineral



(b)