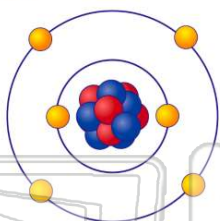




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

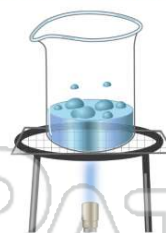
- 1 All **organic compounds** must contain the **element**

- A phosphorus
- B oxygen
- C carbon
- D nitrogen



- 2 Which of the following **compounds** has the **highest boiling point**?

- A  $H_2O$
- B  $H_2S$
- C  $H_2Se$
- D  $H_2Te$



- 3 The **functional group** **—COOH** is found in

- A esters
- B aldehydes
- C alcohols
- D organic acids



- 4 Which **compound** is an **electrolyte**?

- A  $C_6H_{12}O_6$
- B  $CH_3OH$
- C  $CaCl_2$
- D  $CCl_4$



## PREVIEW

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- 7
- B A chemical bond is broken and energy is absorbed.
  - C A chemical bond is formed and energy is released.
  - D A chemical bond is formed and energy is absorbed.

- C CO
- D  $CO_2$

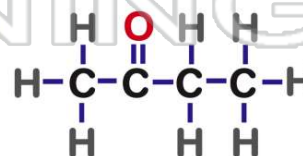


- 9 Which **statement** best describes **all compounds**?

- A They can be decomposed by chemical change.
- B They can be decomposed by physical means.
- C They contain at least three elements.
- D They contain ionic bonds.

- 10 What is the **IUPAC name** of the compound with the following **structural formula**?

- A propanone
- B propanal
- C butanone
- D butanal

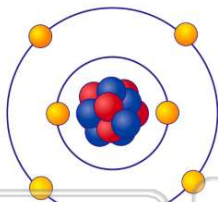




## ANSWER KEY

All **organic compounds** must contain the **element**

- A phosphorus
- B oxygen
- C carbon
- D nitrogen



(C)

Which of the following **compounds** has the **highest boiling point**?

- A  $H_2O$
- B  $H_2S$
- C  $H_2Se$
- D  $H_2Te$



(a)

The **functional group** **COOH** is found in

- A esters
- B aldehydes
- C alcohols
- D organic acids



(d)

Which **compound** is an **electrolyte**?

- A  $C_6H_{12}O_6$
- B  $CH_3OH$
- C  $CaCl_2$
- D  $CCl_4$

(C)



## PREVIEW

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- C A chemical bond is formed and energy is released.
- D A chemical bond is formed and energy is absorbed.

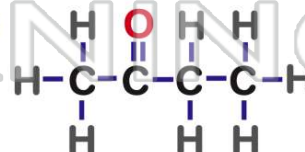
Which **statement** best describes **all compounds**?

- A They can be decomposed by chemical change.
- B They can be decomposed by physical means.
- C They contain at least three elements.
- D They contain ionic bonds.

(a)

What is the **IUPAC name** of the compound with the following **structural formula**?

- A propanone
- B propanal
- C butanone
- D butanal



(c)