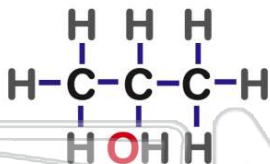




Name _____ Class _____ Date _____

- 1 An **organic compound** containing one or more **OH groups** as the only functional group is **classified** as an

- A aldehyde
- B alcohol
- C ester
- D ether

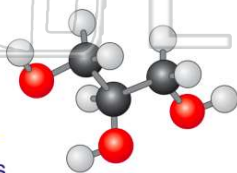


- 2 The **reaction** during which **monomers** are **combined** and **water is released** is called

- A saponification
- B neutralization
- C addition polymerization
- D condensation polymerization

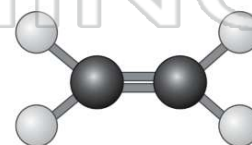
- 3 One molecule of **glycerol** contains a total of

- A two $-\text{OH}$ groups
- B two $-\text{CH}_3$ groups
- C three $-\text{OH}$ groups
- D three $-\text{CH}_3$ groups



- 4 A **molecular formula** for an **alkene** is

- A C_2H_6
- B C_2H_4
- C $\text{C}_2\text{H}_5\text{COOH}$
- D $\text{C}_6\text{H}_{12}\text{O}_6$



5



PREVIEW

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- B CO_2
- C C
- D CO_3^{2-}



- B C_2H_6
- C C_3H_8
- D C_4H_{10}

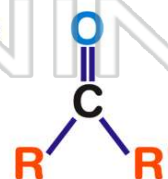
- 9 Which **material** is a **synthetic polymer**?

- A starch
- B nylon
- C cellulose
- D protein



- 10 An **example** of a **ketone** is

- A propanone
- B propane
- C propanal
- D propanol

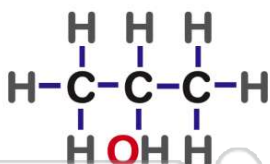




ANSWER KEY

An **organic compound** containing **one or more OH groups** as the only functional group is **classified** as an

- A aldehyde
- B alcohol
- C ester
- D ether



(b)

The **reaction** during which **monomers are combined** and **water is released** is called

- A saponification
- B neutralization
- C addition polymerization
- D condensation polymerization

(d)

One molecule of **glycerol** contains a total of

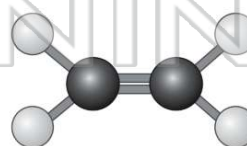
- A two -OH groups
- B two -CH₃ groups
- C three -OH groups
- D three -CH₃ groups



(c)

A **molecular formula** for an **alkene** is

- A C₂H₆
- B C₂H₄
- C C₂H₅COOH
- D C₆H₁₂O₆



(b)



PREVIEW

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- C C
- D CO₃²⁻

- D C₄H₁₀

Which **material** is a **synthetic polymer**?

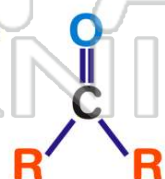
- A starch
- B nylon
- C cellulose
- D protein



(b)

An **example** of a **ketone** is

- A propanone
- B propane
- C propanal
- D propanol



(a)