

Organic Quiz 1 SCH4U #7 Name: _____

10 K 4 T 6 C Assessment of Learning (Product)

Multiple Choice: Circle the most correct answer. (10 K)

1. Which of the following is a primary (1°) alcohol?



- A) none of the above B) 1 C) 2 D) 3 E) 4



2. The compound above is classified as a(n)

- A) alkane B) ketone C) carboxylic acid D) alkene E) aldehyde

3. Which of the following are cis or trans compounds?

(I)



(II)



(III)



(IV)



- A) I and III B) III and IV C) II and IV D) II and III E) I and IV

4. Which of the following has the highest boiling point?

- A) CH_4 B) $\text{CH}_3\text{CH}_2\text{OH}$ C) CH_3OCH_3 D) CH_3CH_3
 E) O_2 F) Cl_2 G) HCOOH

5. What type of intermolecular force occurs between carboxylic acids?

- A) ionic bonding B) nonpolar bonding C) covalent bonding
 D) hydrogen bonding E) charge-transfer bonding

6. Which of the following is saturated?

- A) C_6H_6 B) C_6H_{12} C) C_6H_{14} D) C_6H_{16}

Middle School Organic Compounds Test

Roman Wölfel



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