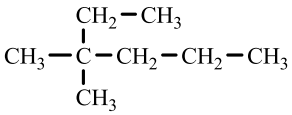
1. The functional group contained in the compound $CH_2=CH_2$ is a(n)

A. ester B. ketone C. alkene D. alcohol

2. An alkane with 7 carbon atoms contains _____ hydrogen atoms.

A. 16 B. 14 C. 20 D. 18

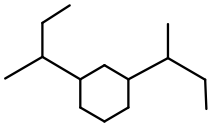
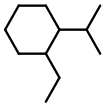


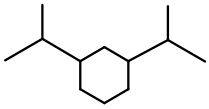
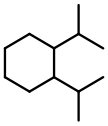
3. The IUPAC name of is

A. 2-ethyl-2-methylpentane B. 2-methyl-3-ethylpentane

C. 2-ethyl-3-methylhexane D. 3,3-dimethylhexane

4. The formula of 1,2-diisopropylcyclohexane is

A.  B. 

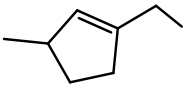
C.  D. 

5. The reaction of propane with bromine is called?

A. halogenation B. addition C. elimination D. combustion

6. The molecular formula of _____ fit the general formula (C_nH_{2n-2}).

A. alkynes B. alcohols C. alkenes D. alkanes

7. The name of  is

A. 1-ethyl-4-methylcyclopentene B. 1-ethyl-3-methylcyclopentene

C. 1-ethyl-3-methyl-1-cyclopentene D. 1-ethyl-3-methyl-2-cyclopentene

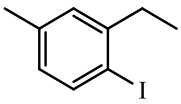
8. For which of the following is *cis-trans* isomerism possible?

A. 1,2-dibromoethyne B. 1,1-dibromoethane C. 1,1-dibromoethene D. 1,2-dibromoethene

9. The product of the reaction ($CH_3–CH=CH–CH_2–CH_2–CH_3 + Br_2$) is

A. $CH_3–CHBr–CHBr–CH_2–CH_2–CH_3$ B. $CH_3–CHBr_2–CHBr_2–CH_2–CH_2–CH_3$

C. $CH_2=CHBr–CHBr–CH_2–CH_2–CH_3$ D. $CH_3–CHBr=CHBr–CH_2–CH_2–CH_3$

10. The name of the compound  is

A. 3-ethyl-4-iodo-1-methylbenzene B. 1-ethyl-2-iodo-5-methylbenzene

C. 2-ethyl-1-iodo-4-methylbenzene D. 6-ethyl-1-iodo-4-methylbenzene

Answers

1	2	3	4	5	6	7	8	9	10