



CHEMISTRY

AAKASH INSTITUTE ENGLISH

Mock test 28

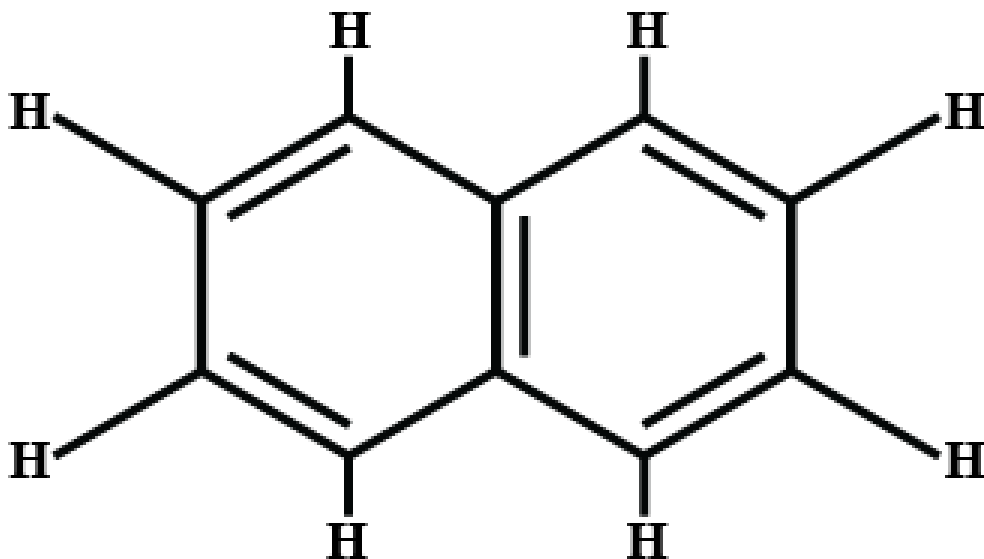
Example

1. An example of non - benzenoid compound is



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2. Number of σ bonds present in the given structure is



A. 15

B. 19

C. 17

D. 18

Answer: A



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3. Which among the following represents sec-butyl group?

A. 

B. 

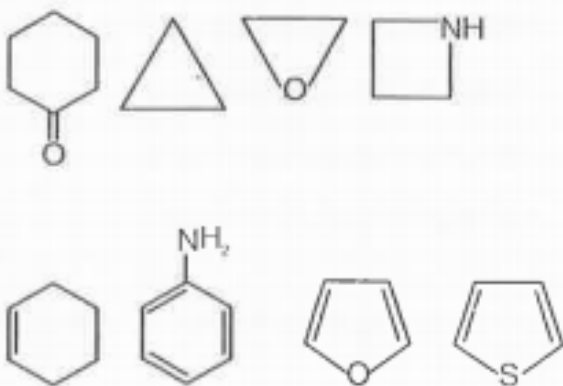
C. 

D. 

Answer: D

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4. Among the given set of compounds, how many are heterocyclic compounds?



A. 6

B. 5

C. 4

D. 8

Answer: C



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5. Which compounds contains quaternary carbon?

A. 

B. 

C. 

D. 

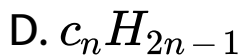
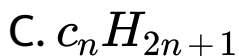
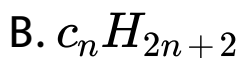
Answer: B



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6. General formula of alkyl group is

A. C_nH_{2n}

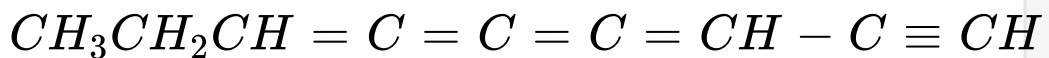


Answer: C



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7. Number of sp Hybridised carbon in the given structure is



A. 7

B. 5

C. 4

D. 6

Answer: B



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8. IUPAC name of the given compound is 

A. 1-Methyl-3-ethylcyclopentane

B. 1-Ethyl-3-methylcyclopentane

C. 3-Ethyl-1-methylcyclopentane

D. 3-Methyl-1-ethylcyclohexane

Answer: B



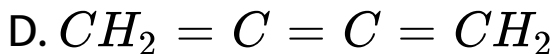
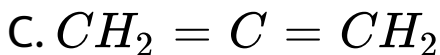
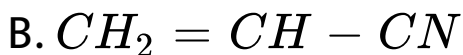
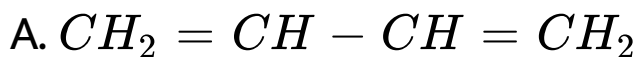
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9. The structure of organic compound having IUPAC nomenclature, 2,8-Dimethyl-5-(2-methylpropyl)nonane



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10. Which of the following is not planar in structure?

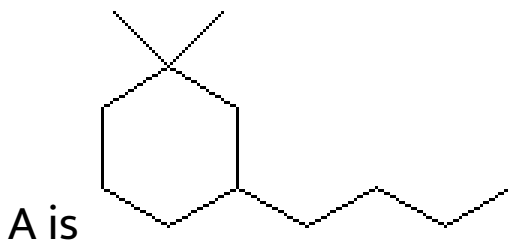


Answer: C



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11. The correct IUPAC naming of the compound



A. 1,1-Dimethyl-3-butylcyclohexane

B. 1-Butyl-3,3-Dimethylcyclohexane

C. 1,1-Dimethyl-3-butylhexane

D. 3-Butyl-1,1-dimethylcyclohexane

Answer: D



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12. Trivial name of $C_6H_5NH_2$ IS

A. CYCLOHEXYLAMINE

B. Phenylamine

C. Benzylamine

D. Aniline

Answer: D



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13. Which are an alicyclic compound?

A.  

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14. The correct three dimensional presentation of ethane is

A. 

B. 


C. 

D. 

Answer: A



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15. Which of the following is the correct IUPAC name of the given compound? 

A. 8-Isopropyl-6-isobutylundecane

B. 8-Isopropyl-6-secbutylundecane

C. 6-Isobutyl-4-isopropylundecane

D. 4-Isopropyl-6-secbutylundecane

Answer: C



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