



CHEMISTRY

JEE MAIN AND ADVANCED

MOCK TEST 29

Example

1. how many structural isomers are possible for C_6H_{14} ?

A. 4

B. 5

C. 6

D. 7

Answer: B



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2. which molecule will be exhibit keto-enol tautomerism ?

A. 

B. 

C. 

D. 

Answer: D



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3. which alkene will not show geometrical isomerism ?

A. $XYC = CXY$

B. $XYC = CXZ$

C. $XYC = CZW$

D. $XYC = CXX$

Answer: D



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4. the enol form of *hept* – 5 – *en* – 2 – one contains

A. 17sigma-bonds and 2π -bonds

B. 19sigma-bonds and 2π -bonds

C. 15sigma-bonds and 1π -bond

D. 21sigma-bonds and 2π -bonds

Answer: B



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5. which of the following is not an isomer of pentanal

A. 2-pentanone

B. 3-pentanone

C. 3-Methylbutanone

D. 3-Methyl-2-butanol

Answer: D



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6. nitromethane will exhibit which type of isomerism?

A. metamerism

B. geometrical isomerism

C. tautomerism

D. optical isomerism

Answer: C



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7. enol content will be maximum in which of given compound?

A. CH_3CHO

B. 

C. 

D. 

Answer: C



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8. total number of isomeric alcohols (excluding stereoisomerism) with formula $C_5H_{12}O$ is

A. 5

B. 6

C. 7

D. 8

Answer: D



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9. which of the following compound will show stereo isomerism?

A. 3-Pentanol

B. 3-Pentanone

C. But-2-ene

D. Propane

Answer: C



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10. structure of compound having IUPAC nomenclature, 2-chloro-4-methylaniline is

A. 

B. 

C. 

D. 

Answer: C



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11. which among the following is a Z alkene ?

A. 

B. 

C. 

D. 

Answer: C



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