

JSUNIL TUTORIAL, SAMASTIPUR 10TH CARBON AND COMPOUND MCQ

Q1. Which of the following is not a saturated hydrocarbon ?

- i) Cyclohexane. ii) Benzene. iii) Butane iv) isobutene

Q2. The bond between two identical non metallic atom has a pair of electron ?

- i) un equally shared between two atoms.
ii) Transferred completely from one atom to another.
iii) With identical spins
iv) Unequally shared between them.

Q3. Covalent compounds are generally

- i) Soluble in water
ii) Insoluble in water
iii) Ionize in water
iv) Hydrolyse in water

Q4. Propane with the molecular formula C_3H_8 has

- i) 7 covalent bonds ii) 8 covalent bonds
iii) 9 covalent bonds iv) 10 Covalent bonds.

Q5. A hydrocarbon reacts with ammoniacal cuprous chloride solution to form a red precipitate. The hydrocarbon is

- i) ethane
ii) ethene
iii) butane
iv) 1-propyne

Q6. Which of the following substance is added to denature Ethanol ?

- i) methanol
ii) pyridine
iii) copper sulphate
iv) all of them

Q7. Which of the following is not an allotropic form of carbon

- i) fluorine
ii) fullerene
iii) diamond
iv) graphite

Q8. Which of the following represents the correct decreasing order of hydrogen atoms ?

- i) alkanes , alkenes , alkynes
ii) alkanes , alkynes , alkenes

JSUNIL TUTORIAL, SAMASTIPUR 10TH CARBON AND COMPOUND MCQ

iii)alkenes , alkynes , alkanes

iv)alkynes , alkanes , alkenes

Q9.Detergents are sodium or potassium salts of long chain of ;-

i)aldehydes

ii)ketones

iii)carboxylic acid

iv)sulphonic acid

Q10.Which of the following represents the structure of N₂ Mmolecule ?

i) N≡ N

ii) N = N

iii) N - N

iv) None of the above

Q11. In double covalent bond there is sharing of

i)2electrons

ii)4 electrons

iii) 6electrons

iv) 3electrons

Q12. Cation is formed when

i) atom gains electrons

ii) atom loses electrons

iii) proton is lost by the atom

iv) atom shared by electrons

Q13. The total no. of electrons that take part in forming a bond in N₂ is

i)2

ii)4

iii)6

iv)10

Q14.Which of the following has the weakest carbon-carbon strength?

i)C₂H₂

ii)C₂H₄

iii)C₂H₆

iv)all have the same bond strength

Q15.Which of the following salt when dissolved in water produce hard water.

i) calcium sulphate

ii) magnesium bicarbonate

iii) calcium chloride

iv) any of the above

MCQ ANSWERS

Q1. ii) benzene

Q2.iv) equally shared between them

Q3.ii) in soluble in water

Q4.iv) 10 covalent bond

Q5.iv)1-propyne

Q6.iv) all of them

Q7.i)fluorine

JSUNIL TUTORIAL, SAMASTIPUR 10TH CARBON AND COMPOUND MCQ

Q8.i) alkanes , alkenes , alkynes

Q9.iv) sulphonic acid

Q10.i) $N \equiv N$

Q11.ii) 4 electrons

Q12. ii) atom loses the electrons

Q13.iii) 6

Q14.i) C_2H_2

Q15.iv) any of the above