

Aliphatic Hydrocarbons

Sr	Questions	Answers Choice
1	The addition of HBr is easiest with	A. CH2 = CHCI B. CICH = CHCI C. CH3 - CH = CH2 D. (CH3)2 C = CH2
2	Th IUPAC name of the compound having formula (CH3) 3 C - CH = CH2 is	A. 1, 1-Dimethyl-3-butene B. 1,1,1-Trimethyl-3-propene C. 3,3,-Dimenthyl-1-butene D. 3,3,3,-Trimethyl-1-propene
3	The reaction in which ketone is reduced to the alkane is called	A. Kolb B. Clemmensen C. Cannizzaro D. None
4	Acetylene gives	A. White ppt. with ammonical AgNO3 and red ppt. with ammonical Cu(NO3)2 B. White ppt. with ammonical AgNO3 and red ppt. with ammonical Cu2C12 C. White ppt. with both D. Red ppt. with both
5	When n-hexane is heated in the presence of Pt at 500°C, it cyclists to give	A. Benzene B. Cyclohexene C. Benzene D. Toluene
6	Which of the following is not an ortho-para directing group	
7	In CH ₄ , all the H-C-H bond angles are	A. 120° B. 107° C. 109° D. 109.5°
8	acetylene can be converted into-while passing through a Cu-tube at 300°C:	A. Glyoxal B. Vinyl acetylene C. Vinyl alcohol D. Benzene
9	Alkenes combine readily with electrophillic reagents such as halogens giving	A. HaloalkanesB. Gem-dihalidesC. Vicinal dihalidesD. Vinyl halides
10	Alkyne is :	A. CH ₃₋ CH ₃ B. CH ₄ C. CH ₂₌ C. CH ₂₌ CH ₂ D. C ₂ H ₂
11	Alkyl benzenes are readily oxidized by axidfied	A. KMnO ₄ B. K ₂ CO ₃ C. MnO ₄ D. H ₂ SO ₄
12	Alkanes are gases :	A. C ₁ -C ₄ B. C ₅ -C ₁₀ C. C ₁₁ -C ₁₅ D. C ₁₀ -C ₂₀
13	B-B'-dichloroethyl sulphide is commonly known as	A. Mustard gas B. Laughing gas C. Phosgene gas D. Bio gas
14	Which of the following is not an electrophitic substitution reaction of benzene	A. Nitration B. Sulphonation C. Fridel-Craft alkylation D. Free radical chlorination of benzene
15	The stability of acromatic compounds decreases with in the no. of its resonance	A. Decrease B. Increase

	structure	C. Remain constant D. Partially decreases
16	An alkynes having Carbon count of 20 is	A. gas B. liquid C. Solid D. None
17	Which of the following is not aromatic hydrogencarbon	A. Benzene B. Naphthalene C. Toluene D. Cyclohexene
18	Kolb's method is not useful for the production of	A. Methane B. Ethane C. Propane D. Butane
19	Ethylene polymerizes at 100 atm pressure and 400°C to give	A. Polybenzene B. Polyalcohol C. Polypropylene D. Polyethylene
20	Write the name of following compound	A. 5 - methyle - 2- hexene B. 2 - methyle hexene C. 4 - ethyle - 2 - methyle hexene D. 3 - ethyle - 3 - methyl hexene