

MDCAT Chemistry Chapter 13 Fundamental principles of organic chemistry Online Test

Sr	Questions	Answers Choice
1	Dehydrohalogenation of alkyl halides happens in the presence of	A. Pd B. Ni C. Zn D. KOH/alcohol
2	Ethene is produced from ethyl chloride by reacting with alcoholic KOH. The process is called	A. Hydrogenation B. Dehydrogenation C. Dehydrohalogenation D. Oxidation
3	The reaction of alkyl halide in the presence of alcoholic KOH is	A. Substitution B. Addition C. Acid-base D. Elimination
4	Which of the following tests helps to distinguish between alkyne and alkene?	A. Lucas test B. Tollen's reagent test C. Baeyer's test D. Fehling's solution test
5	Active sulphonating agent during sulphonation of benzene is	A. SO2 B. SO3 C. SO3H D. SO3+
6	Aniline is the derivative of the benzene containing the	A. Hydroxyl group B. Amino group C. Amido group D. Imido group
7	The substitution of a'-H' by '-NO2' group in benzene is called	A. Nitration B. Sulphonation C. Ammunolusis D. Reduction of benzene
8	Naphthalene has two fused aromatic ring of carbon atom the molecular formula	A. C10H8 B. C10H14 C. C10H10 D. C12H12
9	Ethyl and methyl groups are equidistant in a chain, the preference is given to?	A. Ethyl B. methyl C. both ethyl and methyl D. methyl mostly
10	Benzene in the presence of AlCl3 produces acetophenone when reacts with	A. Acetyl chloride B. Ethyl benzene C. Acetic acid D. Ethanoic acic
11	2-Propenol, on rearrangement, yields	A. Propanal B. Propanone C. 2-propano D. Both A and B
12	Ethene can give all of the following reactions except	A. Addition B. Free radical substitution C. Hydrohalogenation D. Hydration
13	Benzene has pi electron	A. 2 B. 4 C. 6 D. 8
14	Baever's reagent is misture of	A. HCl& ZnCl B. Ageous bromine C. Alkaline KMn4 D. Mix of Br2& KMnO4
15	2,5-dimethyl-1-hexene has	A. Two sp2 hybridized carbons B. Six sp2 hybrid carbons C. Two double bonds D. Four pi electrons

16	Ethane when completely halogenated in excess of chiorine can form	A. Hexachloroethane B. Dichloroethane C. Pentachloroethane D. 1.1.2.2-terachloroethane
17	Substituted phenyl group are called	A. Arene groups B. Alkyl groups C. Aryl groups D. Acyl groups
18	Which of the following is not an electrophilic substitutional reaction of benzene?	A. Free radical chlorination of benzene B. Friedel Craft alkylation C. Sulphonation D. Nitration
19	Acetylide can give back ethyne upon treatment with	A. water B. strong base C. dil. Acid D. weak base
20	Glyoxal molecule has?	A. two carbonyl groups B. One aldehydic and one carbony group C. Two aldehydic groups D. Two carboxyl group