Chemistry Fsc Part 2 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	The compound which can not be nitrated easily.	A. Benzene B. Nitrobenzene C. Phenol D. Toluene
2	Which one is not electrophile	A. BF_3 B. SO_3 C. $AlCl_3$ D. NH_3
3	Which group when attached with benzene increases electron density of ring.	A. -COOH B. -NO C. -CHO D. $-CH_3$
4	Chlorobenzene on nitration with conc. HNO_3 and Conc. H_2SO_4 gives.	A. m -chloronitrobenzene B. o and p chloronitrobenzene C. o and m chloronitrobenzene D. mixture of O2 m and p chloronitrobenzene
5	Which one of the following species is meta director if present at benzene ring.	A. $-NO_2$ B. -Cl C. $-CH_3$ D. -OH
6	Which of the following species is ortho and para director.	A. CHO B. SO_3H C. NO_2 D. Cl
7	The aromatic ring of Benzene can be hydrogenated in the presenc eof.	A. Pt B. Rh C. Sunlight D. O_3
8	Which compound form benzoic acid on oxidation with strong oxidizing agent.	A. Toluene B. Ethyl benzene C. n propyl benzene D. All
9	The conversion of benzene to chlorobenzene is a	A. Addition reaction B. Elimination reaction C. Substitution reaction D. Dehydration process
10	When acetylene is heated at 300 ^{O}C in copper tube, the product obtained is.	A. Benzene B. Alkyl benzene C. Ether D. Alcohol
11	Main source of aromatic compound is	A. Petroleum B. Coaltar C. Living organisms D. Dead marine animals
12	Phenol when distilled with zinc dust gives.	A. Toluene B. Benzaldehyde C. Benzoic acid D. Benzene
13	Hydrolysis of benzene sulphonic acid with superheated steam or by boiling with dil HCl gives.	A. Toluene B. Benzene C. Xylene D. Chlorobenzene
14	Which makes a molecule more stable.	A. Greater localization of pi electrons B. Less delocalization of pi electrons C. Greeter delocalization of pi electrons D. Less delocalization for pi electrons
15	The difference of actual and theoretical heat of hydrogenation of compound is called.	A. Lattice energy B. Resonance energy

		C. Ionization energy D. Enthalpy of formation
16	Structure of benzene is	A. Tetrahedral B. Trigonal planar C. Hexagonal planar D. Linear
17	Benzene molecule is made up of.	A. 3- pi and 9 sigma bonds B. 6- pi and 6 sigma bonds C. 6 -pi and 12 sigma bonds D. 4 -pi and 12 sigma bonds