

Chemistry Fsc Part 2 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	Effect of substituent on benzene ring is due to	A. Resonance B. Inductive effect C. Both a and b D. Neither a nor b
2	Hydrolysis of benzene sulphonic acid with superheated steam or by boiling with dil HCl gives.	A. Toluene B. Benzene C. Xylene D. Chlorobenzene
3	Phenol when distilled with zinc dust gives.	A. Toluene B. Benzaldehyde C. Benzoic acid D. Benzene
4	Amongst the following, the compound of that can be most readily sulphonated is	A. Toluene B. Benzene C. Nitro-benzene D. Chloro-benzene
5	Chlorobenzene on nitration with conc. HNO ₃ and Conc. H ₂ SO ₄ gives.	A. m -chloronitrobenzene B. o and p chloronitrobenzene C. o and m chloronitrobenzene D. mixture of O ₂ m and p chloronitrobenzene
6	The conversion of n-hexane into benzene by heating in the presence of Pt is called	A. Isomerization B. Aromatization C. Dealkylation D. Rearrangement
7	The conversion of benzene to chlorobenzene is a	A. Addition reaction B. Elimination reaction C. Substitution reaction D. Dehydration process
8	Cyclic structure of benzene was proposed by	A. Dewar B. Faraday C. Down D. Kekule
9	The electrophile in Aromatic sulphonation is	A. H ₂ SO ₄ B. HSO ₄ ⁻¹ C. SO ₃ D. SO ₃ ⁺¹
10	Structure of benzene is	A. Tetrahedral B. Trigonal planar C. Hexagonal planar D. Linear
11	The benzene molecule contains	A. three double bonds B. two double bonds C. one double bond D. delocalized pie-electron charge
12	Which one of the following species is meta director if present at benzene ring.	A. -NO ₂ B. -Cl C. -CH ₃ D. -OH
13	Which one is not a meta directing group	A. -COOH B. -CHO C. -COR D. -NH ₂
14	Amongst the following, the compound that can be most readily sulphonated is	A. toluene B. benzene C. nitrobenzene D. chlorobenzene
15	Which catalyst is used Friedel Crafts reactions	A. AlCl ₃ B. BeCl ₂ C. NaCl D. HCl

		D. HNO_3
16	During Nitration of Benzene the active nitrating agent is	A. NO_3 B. NO_2^+ C. NO_2 D. HNO_3
17	Main source of aromatic compound is	A. Petroleum B. Coaltar C. Living organisms D. Dead marine animals
18	Biphenyl is	A. Monocyclic aromatic compound B. Polycyclic aromatic compound C. Polycyclic fused ring compound D. Alicyclic compound
19	Which compound is the most reactive one	A. benzene B. ethene C. ethane D. ethyne
20	The aromatic ring of Benzene can be hydrogenated in the presenc eof.	A. Pt B. Rh C. Sunlight D. O_3