

Chemistry Fsc Part 2 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	The resonating contributing structures of Benzene are	A. 2 B. 3 C. 5 D. 7
2	The aromatic ring of Benzene can be hydrogenated in the presenc eof.	A. Pt B. Rh C. Sunlight D. O3
3	The benzene molecule contains	A. three double bonds B. two double bonds C. one double bond D. delocalized pie-electron charge
4	The conversion of benzene to chlorobenzene is a	A. Addition reaction B. Elimination reaction C. Substitution reaction D. Dehydration process
5	When acetylene is heated at 300 °C in copper tube, the product obtained is.	A. Benzene B. Alkyl benzene C. Ether D. Alcohol
6	Aromatic hydro carbon are the derivatives of	A. Normal series of paraffins B. Alkene C. Benzene D. Cyclohexane
7	During nitration of benzene, the active nitrating agent is	A. NO ₃ B. NO ₂ ⁺ C. NO ₂ ⁻ D. HNO ₃
8	Benzene can not undergo.	A. Substitution reactions B. Addition reactions C. Oxidation reactions D. Elimination reactions
9	Which one is not electrophile	A. BF ₃ B. SO ₃ C. AlCl ₃ D. NH ₃
10	Which one of the following species is meta director if present at benzene ring.	A. -NO ₂ B. -Cl C. -CH ₃ D. -OH
11	Aromatic compounds burns with sooty flame because.	A. They have high percentage of hydrogen B. The have a right structure C. The have high percentage of carbon D. The resist reaction with air
12	Biphenyl is	A. Monocyclic aromatic compound B. Polycyclic aromatic compound C. Polycyclic fused ring compound D. Alicyclic compound
13	Which catalyst is used Friedel Crafts reactions	A. AlCl ₃ B. BeCl ₂ C. NaCl D. HNO ₃
14	The electrophile in Aromatic sulphonation is	A. H ₂ SO ₄ B. HSO ₄ ⁻¹ C. SO ₃ D. SO ₃ ⁺¹
15	Amongst the following, the compound that can be most readily sulphonated is	A. toluene B. benzene C. nitrobenzene

		D. chlorobenzene
16	Which one is not a meta directing group	A. -COOH B. -CHO C. -COR D. -NH ₂
17	Among the following the compound that can be most readily suphonted is.	A. Toluene B. Benzene C. Nitrobenzene D. Chlorobenzene
18	Which group when attached with benzene increases electron density of ring.	A. -COOH B. -NO C. -CHO D. -CH ₃
19	Which of the following acid can be used as a catalyst in Friedel Craft's reactions	A. AlCl ₃ B. HNO ₃ C. BeCl ₂ D. NaCl
20	Phenol when distilled with zinc dust gives.	A. Toluene B. Benzaldehyde C. Benzoic acid D. Benzene