

Chemistry Fsc Part 2 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	Which compound is the most reactive	A. Benzene B. Ethene C. Ethane D. Ethyne
2	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
3	The resonating contributing structures of Benzene are	A. 2 B. 3 C. 5 D. 7
4	Which of the following species is ortho and para director.	A. CHO B. SO ₃ H C. NO ₂ D. Cl
5	Which one is not electrophile	A. BF ₃ B. SO ₃ C. AlCl ₃ D. NH ₃
6	m-choronitro benzene is prepared by	A. Nitration of chlorobenzene B. Nitration of Benzene C. Chlorination of Nitrobenzene D. Nitration of m-chlorobenzene
7	Structure of benzene is	A. Tetrahedral B. Trigonal planar C. Hexagonal planar D. Linear
8	The compound which can not be nitrated easily.	A. Benzene B. Nitrobenzene C. Phenol D. Toluene
9	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
10	Which compound is the most reactive one	A. benzene B. ethene C. ethane D. ethyne
11	Aromatic hydro carbon are the derivatives of	A. Normal series of paraffins B. Alkene C. Benzene D. Cyclohexane
12	Effect of substituent on benzene ring is due to	A. Resonance B. Inductive effect C. Both a and b D. Neither a nor b
13	The structure of Benzene is	A. Hexagonal irregular B. Tetrahedral C. Trigonal planner D. Hexagonal planner
14	When acetylene is heated at 300 °C in copper tube, the product obtained is.	A. Benzene B. Alkyl benzene C. Ether D. Alcohol
15	Which one of the following species is meta director if present at benzene ring.	A. -NO ₂ B. -Cl C. -CH ₃ D. -H

		D. -OH
16	The conversion of n-hexane into benzene by heating in the presence of Pt is called	A. Isomerization B. Aromatization C. Dealkylation D. Rearrangement
17	Which one is not a meta directing group	A. -COOH B. -CHO C. -COR D. -NH ₂
18	The benzene molecule contains.	A. Three double bonds B. Two double bonds C. One double bond D. Delocalized sigma electron charge
19	During Nitration of Benzene the active nitrating agent is	A. NO ₃ B. NO ₂ ⁺ C. NO ₂ D. HNO ₃
20	The electrophile in Aromatic sulphonation is	A. H ₂ SO ₄ B. HSO ₄ ⁻¹ C. SO ₃ D. SO ₃ ⁺¹