

Chemistry Fsc Part 2 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	Which compound form benzoic acid on oxidation with strong oxidizing agent.	A. Toluene B. Ethyl benzene C. n propyl benzene D. All
2	The electrophile in Aromatic sulphonation is	A. H^+SO_4^- B. HSO_4^- C. SO_3 D. SO_3^+
3	Which of the following species is ortho and para director.	A. CHO B. SO_3H C. NO_2 D. Cl
4	The compound which can not be nitrated easily.	A. Benzene B. Nitrobenzene C. Phenol D. Toluene
5	Phenol when distilled with zinc dust gives.	A. Toluene B. Benzaldehyde C. Benzoic acid D. Benzene
6	Biphenyl is	A. Monocyclic aromatic compound B. Polycyclic aromatic compound C. Polycyclic fused ring compound D. Alicyclic compound
7	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
8	Structure of benzene is	A. Tetrahedral B. Trigonal planar C. Hexagonal planar D. Linear
9	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
10	The benzene molecule contains.	A. Three double bonds B. Two double bonds C. One double bonds D. Delocalized sigma electron charge
11	The conversion of n-hexane into benzene by heating in the presence of Pt is called	A. Isomerization B. Aromatization C. Dealkylation D. Rearrangement
12	Among the following the compound that can be most readily sulfonated is.	A. Toluene B. Benzene C. Nitrobenzene D. Chlorobenzene
13	Aromatic hydro carbon are the derivatives of	A. Normal series of paraffins B. Alkene C. Benzene D. Cyclohexane
14	Which makes a molecule more stable.	A. Greater localization of pi electrons B. Less delocalization of pi electrons C. Greater delocalization of pi electrons D. Less delocalization for pi electrons
15	m-chloronitro benzene is prepared by	A. Nitration of chlorobenzene B. Nitration of Benzene C. Nitration of nitrobenzene D. Nitration of toluene

		<p>C. Chlorination of Nitrobenzene</p> <p>D. Nitration of m-chlorobenzene</p>
16	During Nitration of Benzene the active nitrating agent is	<p>A. NO_3</p> <p>B. NO_2^+</p> <p>C. NO_2</p> <p>D. HNO_3</p>
17	Which catalyst is used Friedel Crafts reactions	<p>A. AlCl_3</p> <p>B. BeCl_2</p> <p>C. NaCl</p> <p>D. HNO_3</p>
18	Which one of the following species is meta director if present at benzene ring.	<p>A. $-\text{NO}_2$</p> <p>B. $-\text{Cl}$</p> <p>C. $-\text{CH}_3$</p> <p>D. $-\text{OH}$</p>
19	Cyclic structure of benzene was proposed by	<p>A. Dewar</p> <p>B. Faraday</p> <p>C. Down</p> <p>D. Kekule</p>
20	Which group when attached with benzene increases electron density of ring.	<p>A. $-\text{COOH}$</p> <p>B. $-\text{NO}$</p> <p>C. $-\text{CHO}$</p> <p>D. $-\text{CH}_3$</p>