

Chemistry Fsc Part 2 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	During nitration of benzene, the active nitrating agent is	A. NO_3 B. NO_2^+ C. NO_2^- D. HNO_3
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	Benzene cannot undergo	A. Substitution reactions B. addition reactions C. oxidation reactions D. elimination reactions
4	Biphenyl is	A. Monocyclic aromatic compound B. Polycyclic aromatic compound C. Polycyclic fused ring compound D. Alicyclic compound
5	m-choronitro benzene is prepared by	A. Nitration of chlorobenzene B. Nitration of Benzene C. Chlorination of Nitrobenzene D. Nitration of m-chlorobenzene
6	Aromatic hydrocarbons are the derivatives of	A. Normal series of paraffins B. Alkene C. Benzene D. Cyclohexane
7	The electrophile in Aromatic sulphonation is	A. H_2SO_4 B. HSO_4^- C. SO_3 D. SO_3^+
8	The resonating contributing structures of Benzene are	A. 2 B. 3 C. 5 D. 7
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	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
11	Which one is not a meta directing group	A. $-\text{COOH}$ B. $-\text{CHO}$ C. $-\text{COR}$ D. $-\text{NH}_2$
12	Which group when attached with benzene increases electron density of ring.	A. $-\text{COOH}$ B. $-\text{NO}$ C. $-\text{CHO}$ D. $-\text{CH}_3$
13	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
14	Which compound is the most reactive one	A. benzene B. ethene C. ethane D. ethyne
		A. Normal series of paraffins - ...

15	Aromatic hydro carbon are the derivatives of	B. Alkene C. Benzene D. Cyclohexane
16	Which of the following is Ortho and Para directing group	A. -I 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	The aromatic ring of Benzene can be hydrogenated in the presenc eof.	A. Pt B. Rh C. Sunlight D. O3
19	The number of possible isomers of xylene are	A. 2 B. 3 C. 4 D. 5
20	Which one of the following species is meta director if present at benzene ring.	A. -NO ₂ B. -Cl C. -CH ₃ D. -OH