

## Chemistry Fsc Part 2 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	Phenol when distilled with zinc dust gives.	A. Toluene B. Benzaldehyde C. Benzoic acid D. Benzene
2	Amongst the following, the compound that can be most readily sulphonated is	A. toluene B. benzene C. nitrobenzene D. chlorobenzene
3	Hydrolysis of benzene sulphonic acid with superheated steam or by boiling with dil HCl gives.	A. Toluene B. Benzene C. Xylene D. Chlorobenzene
4	Benzene molecule is made up of.	A. 3- pi and 9 sigma bonds B. 6- pi and 6 sigma bonds C. 6 -pi and 12 sigma bonds D. 4 -pi and 12 sigma bonds
5	Effect of substituent on benzene ring is due to	A. Resonance B. Inductive effect C. Both a and b D. Neither a nor b
6	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
7	Cyclic structure of benzene was proposed by	A. Dewar B. Faraday C. Down D. Kekule
8	The benzene molecule contains.	A. Three double bonds B. Two double bonds C. One double bonds D. Delocalized sigma electron charge
9	Which of the following species is ortho and para director.	A. CHO B. SO <sub>3</sub> H C. NO <sub>2</sub> D. Cl
10	The conversion of n-hexane into benzene by heating in the presence of Pt is called	A. Isomerization B. Aromatization C. Dealkylation D. Rearrangement
11	The benzene molecule contains	A. three double bonds B. two double bonds C. one double bond D. delocalized pie-electron charge
12	Biphenyl is	A. Monocyclic aromatic compound B. Polycyclic aromatic compound C. Polycyclic fused ring compound D. Alicyclic compound
13	Among the following the compound that can be most readily suphonted is.	A. Toluene B. Benzene C. Nitrobenzene D. Chlorobenzene
14	Which of the following acid can be used as a catalyst in Friedel Craft's reactions	A. AlCl <sub>3</sub> B. HNO <sub>3</sub> C. BeCl <sub>2</sub> D. NaCl
15	m-chloronitro benzene is prepared by	A. Nitration of chlorobenzene B. Nitration of Benzene C. Chlorination of Nitrobenzene D. Nitration of m-chlorobenzene

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16 Aromatic hydro carbon are the derivatives of  
A. Normal series of paraffins  
B. Alkene  
C. Benzene  
D. Cyclohexane

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17 Main source of aromatic compound is  
A. Petroleum  
B. Coal tar  
C. Living organisms  
D. Dead marine animals

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18 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

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19 Which compound is the most reactive  
A. Benzene  
B. Ethene  
C. Ethane  
D. Ethyne

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20 The resonating contributing structures of Benzene are  
A. 2  
B. 3  
C. 5  
D. 7

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