

## Chemistry Fsc Part 2 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	Biphenyl is	A. Monocyclic aromatic compound B. Polycyclic aromatic compound C. Polycyclic fused ring compound D. Alicyclic compound
2	During Nitration of Benzene the active nitrating agent is	A. $\text{NO}_3$ B. $\text{NO}_2^+$ C. $\text{NO}_2$ D. $\text{HNO}_3$
3	Which one is not electrophile	A. $\text{BF}_3$ B. $\text{SO}_3$ C. $\text{AlCl}_3$ D. $\text{NH}_3$
4	Which compound is the more reactive	A. Benzene B. Ethene C. Ethane D. Ethyne
5	Which group when attached with benzene increases electron density of ring.	A. $-\text{COOH}$ B. $-\text{NO}$ C. $-\text{CHO}$ D. $-\text{CH}_3$
6	Which of the following acid can be used as a catalyst in Friedel Craft's reactions	A. $\text{AlCl}_3$ B. $\text{HNO}_3$ C. $\text{BeCl}_2$ D. $\text{NaCl}$
7	Amongst the following, the compound of that can be most readily sulphonated is	A. Toluene B. Benzene C. Nitro-benzene D. Chloro-benzene
8	Cyclic structure of benzene was proposed by	A. Dewar B. Faraday C. Down D. Kekule
9	The benzene molecule contains	A. three double bonds B. two double bonds C. one double bond D. delocalized pi-electron charge
10	Benzene cannot undergo	A. Substitution reactions B. addition reactions C. oxidation reactions D. elimination reactions
11	Structure of benzene is	A. Tetrahedral B. Trigonal planar C. Hexagonal planar D. Linear
12	Main source of aromatic compound is	A. Petroleum B. Coaltar C. Living organisms D. Dead marine animals
13	Which one of the following species is meta director if present at benzene ring.	A. $-\text{NO}_2$ B. $-\text{Cl}$ C. $-\text{CH}_3$ D. $-\text{OH}$
14	The conversion of n-hexane into benzene by heating in the presence of Pt is called	A. Isomerization B. Aromatization C. Dealkylation D. Rearrangement
15	Which catalyst is used Friedel Crafts reactions	A. $\text{AlCl}_3$ B. $\text{BeCl}_2$ C. $\text{NaCl}$ D. $\text{HNO}_3$

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16	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
17	Amongst the following, the compound that can be most readily sulphonated is	A. toluene B. benzene C. nitrobenzene D. chlorobenzene
18	Benzene can not undergo.	A. Substitution reactions B. Addition reactions C. Oxidation reactions D. Elimination reactions
19	Which compound is the most reactive one	A. benzene B. ethene C. ethane D. ethyne
20	Among the following the compound that can be most readily sulphated is.	A. Toluene B. Benzene C. Nitrobenzene D. Chlorobenzene

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