

Chemistry Fsc Part 2 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	Which group when attached with benzene increases electron density of ring.	A. -COOH B. -NO C. -CHO D. -CH ₃
2	Main source of aromatic compound is	A. Petroleum B. Coaltar C. Living organisms D. Dead marine animals
3	During nitration of benzene, the active nitrating agent is	A. NO ₃ B. NO ₂ ⁺ C. NO ₂ ⁻ D. HNO ₃
4	Which one is not electrophile	A. BF ₃ B. SO ₃ C. AlCl ₃ D. NH ₃
5	Which compound form benzoic acid on oxidation with strong oxidizing agent.	A. Toluene B. Ethyl benzene C. n propyl benzene D. All
6	The aromatic ring of Benzene can be hydrogenated in the presenc eof.	A. Pt B. Rh C. Sunlight D. O ₃
7	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
8	Aromatic hydrocarbons are the derivatives of	A. Normal series of paraffins B. Alkene C. Benzene D. Cyclohexane
9	Benzene can not undergo.	A. Substitution reactions B. Addition reactions C. Oxidation reactions D. Elimination reactions
10	Which catalyst is used Friedel Crafts reactions	A. AlCl ₃ B. BeCl ₂ C. NaCl D. HNO ₃
11	Aromatic hydro carbon are the derivatives of	A. Normal series of paraffins B. Alkene C. Benzene D. Cyclohexane
12	Phenol when distilled with zinc dust gives.	A. Toluene B. Benzaldehyde C. Benzoic acid D. Benzene
13	Which compound is the most reactive	A. Benzene B. Ethene C. Ethane D. Ethyne
14	Amongst the following, the compound of that can be most readily sulphonated is	A. Toluene B. Benzene C. Nitro-benzene D. Chloro-benzene
15	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. 6- pi and 12 sigma bonds

16	Effect of substituent on benzene ring is due to	A. Resonance B. Inductive effect C. Both a and b D. Neither a nor b
17	The compound which can not be nitrated easily.	A. Benzene B. Nitrobenzene C. Phenol D. Toluene
18	Benzene cannot undergo	A. Substitution reactions B. addition reactions C. oxidation reactions D. elimination reactions
19	During Nitration of Benzene the active nitrating agent is	A. NO_3 B. NO_2^+ C. NO_2 D. HNO_3
20	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