

ECAT Chemistry Chapter 20 Aromatic Hydrocarbons Online Test

Sr	Questions	Answers Choice
1	Amongst the following, the compound that can be most readily sulphonated is:	A. Toluene B. Benzene C. nitrobenzene D. chlorobenzene
2	Aromatic compounds burn with sooty flame cause:	A. They have high percentage of hydrogan B. They have ring structure C. They have high percentage of carbon D. They resist reaction with air
3	Monosubstituted benzene can have disubstitution at position:	A. Ortho B. meta C. para D. a, b, c
4	Benzene was discovered by first of all:	A. Micheal Faraday B. Hofmann C. Ainderson D. Sorenbon
5	Which compound is the most reactive one?	A. benzene B. ethene C. ethane D. ethyne
6	Acyiation of benzene to produce aliphatic aromatic ketones is known as	A. Friedel Craft's reaction B. benzenecondensation C. hydroformylation D. <div>Clemmensen reduction</div>
7	Among the following, poly cyclic compound is	A. styrene B. cumene C. naphthalene D. xylene
8	Which of the following is explosive?	A. Trinitrophenol B. Nitrophenol C. Nitromethane D. Nitrobenzene
9	Monosubstituted benzene can have disubstitution at position	A. ortho B. meta C. para D. a, b, c
10	Empirical formula mass of benzene is times lesser than molecular formula mass	A. four B. five C. six D. seven
11	Which compound is the most reactive one:	A. benzene B. ethene C. ethane D. ethyne
12	Bond angle in benzene is	A. 109.5° B. 180° C. 120° D. 107.20
13	The conversion of n-hexane into benzene by heating in the presence of Cr ₂ O _{3 is called:}	A. Isomerization B. Aromatization C. Dealkylation D. Rearrangment
14	During nitration of benzene, the active nitrating agent is:	A. NO ₃ ⁻¹ B. NO ₂₊ C. NO ₂ ⁻¹ D. HNO ₃
15	The benzene molecule contains	A. Three double bond B. Two double bond C. One double bond

		D. Delocalized pie electron charge
16	Which term was derived from "aroma":	A. Atom B. Hydrocarbons
		C. aromatic
		D. aliphatic
	Benzene cannot undergo:	A. Substitutions reactions
17		B. Addition reactions
.,		C. Oxidation reactions
		D. Elimination reactions
	Which is the property of benzene:	A. Decolourizes KMnO ₄
18		B. straight chain structure
		C. only double bond is present
		D. triple and double bond
	Ratio of carbon to hydrogen in aromatic compounds is:	A. Low than alkanes
		B. High than alkanes
19		C. Low than alkanes not high than
		alkanes
		D. High than alkanes
20	Bond angle in benzene is :	A. 1095 ^o
		B. 180 ^o
		C. 120 ^o
		D. 107.2 ^o