

ECAT Chemistry Chapter 20 Aromatic Hydrocarbons

Sr	Questions	Answers Choice
1	Which term was derived from "aroma":	A. Atom B. Hydrocarbons C. aromatic D. aliphatic
2	Which of the following acid can be used as a catalyst in Friedel craft's reaction	A. AlCl ³ B. HNO ₃ C. BeCl ₂ D. NaCl
3	Benzene was discovered by first of all:	A. Micheal Faraday B. Hofmann C. Ainderson D. Sorenbon A. Friedel Craft's reaction B. Benzene condensation C. Hydroformylation D. Cellemense

13	Aromatic compounds burn with sooty flame cause:	<p>A. They have high percentage of hydrogen</p> <p>B. They have ring structure</p> <p>C. They have high percentage of carbon</p> <p>D. They resist reaction with air</p>
14	Which is the property of benzene:	<p>A. Decolourizes KMnO_4</p> <p>B. straight chain structure</p> <p>C. only double bond is present</p> <p>D. triple and double bond</p>
15	Simplest aromatic compound is	<p>A. benzene</p> <p>B. toluene</p> <p>C. aniline</p> <p>D. phenol</p>
16	The conversion of n-hexane into benzene by heating in the presence of Cr_2O_3 is called:	<p>A. Isomerization</p> <p>B. Aromatization</p> <p>C. Dealkylation</p> <p>D. Rearrangement</p>
17	Amongst the following, the compound that can be most readily sulphonated is:	<p>A. Toluene</p> <p>B. Benzene</p> <p>C. nitrobenzene</p> <p>D. chlorobenzene</p>
18	During nitration of benzene. the active nitrating agent is	<p>A. NO_3^-</p> <p>B. NO_2^+</p> <p>C. NO_2^-</p> <p>D. HNO_3</p>
19	Ratio of carbon to hydrogen in aromatic compounds is:	<p>A. Low than alkanes</p> <p>B. High than alkanes</p> <p>C. Low than alkanes not high than alkanes</p> <p>D. High than alkanes</p>
20	Monosubstituted benzene can have disubstitution at position	<p>A. ortho</p> <p>B. meta</p> <p>C. para</p> <p>D. a, b, c</p>