ECAT Chemistry Chapter 20 Aromatic Hydrocarbons

Sr	Questions	Answers Choice
1	Aromatic compounds burn with sooty flame cause	A. They have high percentage of hydrogen B. They have a ring structure C. They have high percentage of carbon D. They resist reaction with air
2	Amongst the following, the compound that can be most readily sulphonated is	A. toluene B. benzene C. nitrobenzene D. chlorobenzene
3	Benzene cannot undergo:	A. Substitutions reactions B. Addition reactions C. Oxidation reactions D. Elimination reactions
4	empirical formula mass of benzene is time lesser than moleculer formula mass:	A. four B. five C. six D. seven
5	The electrophile in aromatic sulphontion is:	A. H₂SO₄ B. HSO₄ C. SO₃ D. SO₃₊
6	Which is the property of benzene?	A. decolourizes KMnO₄ B. straight chain structure C. only double bond is present D. triple and double bond
7	Monosubstituted benzene can have disubstitution at position	A. ortho B. meta C. para D. a, b, c
8	Benzoic acid can be prepared from the oxidation of	A. benzene B. ethyl benzene C. benzoic acid D. toluene
9	Which of the following acid can be used as a catalyst in Friedel craft's reaction	A. AlCl³ B. HNO₃ C. BeCl₂ D. NaCl
10	Among the following, poly cyclic compound is	A. styrene B. cumene C. naphthalene D. xylene
11	The benzene molecule contains	A. Three double bond B. Two double bond C. One double bond D. Delocalized pie electron charge
12	Ozonolysis of benzene gives	A. nitration B. sulphonation C. ozonide D. glyoxal
13	Among the following, poly cyclic compound is:	A. styrene B. cumene C. napthalene D. xylene
14	Benzene was discovered by first of all:	A. Micheal Faraday B. Hofmann C. Ainderson D. Sorenbon
15	Ratio of carbon to hydrogen in aromatic compounds is:	A. Low than alkanes B. High than alkanes C. Low than alkanes not high than

		alkanes D. High than alkanes
16	Benzene gives reactions generally:	A. Electropholic subsitution B. addition C. synthesis D. addition and electropholic subsitution
17	Benzene was discovered by first of all	A. Michael Faraday B. Hofmann C. Ainderson D. Sorenbon
18	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
19	Aromatic hydrocarbons are the derivatives of:	A. Normal series of parrafins B. Alkene C. Benzene D. Cyclohexane
20	Which terms was derived from " aroma"?	A. atom B. hydrocarbons C. aromatic D. aliphatic