

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which is the used as test for the presence of alkenes	<p>A. Reaction of cold dilute alkaline KMnO_4</p> <p>B. Combustion</p> <p>C. Polymerization</p> <p>D. Catalytic hydrogenation</p>
2	One of the environmental problem is the formation of oil slicks when oil is spilled from tankers in sea water. Which treatment is suitable to remove oil slicks	<p>A. Blow air</p> <p>B. Add Na_2CO_3</p> <p>C. Use a specially made sorbent having flouring trapped in it</p> <p>D. Use a sorbent having Al_2O_3 trapped in it</p>
3	Increasing skin cancer and high mutation rate are due to	<p>A. Acid rain</p> <p>B. Ozone depletion</p> <p>C. CO pollution</p> <p>D. CO_2 Pollution</p>
4	All are ortho & Para directing except	<p>A. X</p> <p>B. OH</p> <p>C. NR_3</p> <p>D. NH_2</p>
5	Question Image	<p>A. 2, 2, 4-trimethylpentane</p> <p>B. 2, 4, 4-trimethylpentane</p> <p>C. 2, 4, 4-methyepentane</p> <p>D. 2, 2, 4-methylpentane</p>
6	Which carbonate of alkali metals is insoluble in water	<p>A. Na_2CO_3</p> <p>B. K_2CO_3</p> <p>C. Li_2CO_3</p> <p>D. Cs_2CO_3</p>
7	A solution having pH = 4 its OH^- ion concentration in mole dm^{-3} is	<p>A. 1.0×10^{-4}</p> <p>B. 1.0×10^{-10}</p> <p>C. 1.0×10^{-14}</p> <p>D. 1×10^0</p>
8	Which is not nitrogeous fertilizers?	<p>A. $(\text{NH}_4)_2\text{HPO}_4$</p> <p>B. NH_4NO_3</p> <p>C. urea</p> <p>D. Calcium phosphate</p>
9	The high molecular weight materials which yield on hydrolysis the amino acids is called:	<p>A. Carbohydrates</p> <p>B. Lipids</p> <p>C. Fatty acids</p> <p>D. Proteins</p>
10	Boyle's law is represented as :	<p>A. $\frac{1}{T} \propto \frac{1}{P}$</p> <p>B. V and $1/P$</p> <p>C. $P \propto \frac{1}{P}$</p> <p>D. $P \propto \frac{1}{P}$</p>
11	Antibonding MO is formed by	<p>A. Addition of atomic orbitals</p> <p>B. Substraction of atomic orbitals</p> <p>C. Multiplication of atomic orbitals</p> <p>D. None of these</p>
12	The bond angle between hydrogen atoms and carbon in alkane is	<p>A. 104.5°</p> <p>B. 107.5°</p> <p>C. 109.5°</p> <p>D. 120°</p>

13	Question Image <input type="text"/>	A. 0 B. 1 C. 2 D. 3
14	Which quantum number is sufficient to describe the electron in hydrogen atom?	A. l B. n C. m D. s
15	Pick up the correct statement	A. CO which is major pollutant resulting from the combustion of fuels in automobile plays a major role in photochemical smog B. Classical smog has an oxidizing character while the photochemical smog is reducing in character C. Photochemical smog occurs in day time whereas the classical smog occurs in early morning hours D. During formation of smog the level of ozone in the atmosphere goes down
16	The force which holds the atoms together to form a compound is called	A. A chemical bond B. Van der waal's force C. Dispersion force D. London force
17	Ammonium nitrate fertilizer is not used for which crop	A. Cotton B. Wheat C. Sugar cane D. Paddy rice
18	One mole of C_2H_5OH contains the number of H-atoms	A. 6.02×10^{23} B. 3.61×10^{24} C. 1.81×10^{24} D. 6.02×10^{24}
19	Silver oxide battery has a voltage of	A. 2.0 V B. 1.5 V C. 2.5 V D. 1.0 V
20	10 ml of 1.5 M NaOH solution is neutralized by 20 ml of a-M HCl solution. The value of 'a' will be	A. 1.0 B. 0.75 C. 0.5 D. 0.25