

Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which hydrocarbon has a higher boiling point due to longer chain length.	A. C_6H_{14} B. C_2H_6 C. C_2H_8 D. CH_3
2	Catalyst used in contact process	A. Fe B. V_2O_5 C. Ni D. Al_2O_3
3	Which of the following is most stable.	A. Tertiary radical B. Primary radical C. Secondary radical D. Methyl radical
4	The general formula for alkanes is.	A. C_nH_{2n+2} B. C_nH_{2n-2} C. C_nH_{2n} D. C_nH_{2n-1}
5	The product formed when ethene reacts with H_2 in the presence of Ni is.	A. Ethanol B. Ethane C. Acetylene D. Butane
6	Which law states that enthalpy change is independent of the path taken.	A. Hess's law B. Boyle's law C. Avogadro's law D. Dalton's law
7	The quantum number 'm' of a free gaseous atom is associated with	A. The effective volume of the orbital B. The shape of the orbital C. The spatial orientation of the orbital D. The energy of the orbital in the absence of a magnetic field
8	ΔH is negative and ΔS is positive then reaction is.	A. Equilibrium B. Always spontaneous C. Temperature depends D. Non spontaneous
9	Which of the following has minimum mass	A. 3×10^{23} atoms of C B. 1 mole of S C. 79 gram of Ag D. 2 gram atoms of N
10	Which one is a non polar molecule.	A. CS_2 B. $CaCl_2$ C. H_2S D. $CaCl_2$
11	Ethene belongs to which class of hydrocarbons.	A. Alkane B. Alkene C. Alkyne D. Aromatic
12	Which species is reduced in the following reaction? $Zn + Cu \rightarrow Zn + Cu$	A. Cu^{2+} B. Zn C. Cu D. Zn^{3+}
13	John Newlands gave the idea of.	A. Law of triads B. Law of Octaves C. Modern Periodic law D. Curves between weight and volume
14	Increase in pressure shifts equilibrium to.	A. Side with more moles of gas B. Side with fewer moles of gas C. Liquid phase D. Solid phase

15	If Δn is positive, then K_p is	<p>A. Greater than K_c</p> <p>B. Less than K_c</p> <p>C. equal K_c</p> <p>D. Zero</p>
16	Which set of the following conditions results in higher ionization energy.	<p>A. Smaller atom and greater nuclear charge</p> <p>B. Smaller atom and smaller nuclear charge</p> <p>C. Larger atom and greater nuclear charge</p> <p>D. Large atom and the smaller nuclear charge</p>
17	The shape in which a crystal usually grows is called its.	<p>A. Habit</p> <p>B. Crystal lattice</p> <p>C. Melting Point</p> <p>D. Cleavage plane</p>
18	Which increases with rise in temperature?	<p>A. Activation energy</p> <p>B. Enthalpy</p> <p>C. Collision frequency</p> <p>D. Molecular weight</p>
19	Which of the following is an aromatic hydrocarbon	<p>A. Ethene</p> <p>B. Benzene</p> <p>C. Methane</p> <p>D. Cyclohexane</p>
20	In color change reactions, which method is best	<p>A. Colorimetry</p> <p>B. Titration</p> <p>C. Conductometry</p> <p>D. Manometry</p>