

Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Unit of half life is	A. mol B. s C. mol dm ⁻³ D. J
2	The largest numebr of molecules are present in	A. <p>3.6 g of H ₂ O</p> B. <p>4.6 g of C ₂ H ₅ OH</p> C. <p>2.8 g of CO</p> D. <p>5.4 g of N ₂ O ₅ </p>
3	In energy profile diagram a catalysts.	A. Increase activation energy B. Decreases activation energy C. Provide new pathway D. Both b and c
4	The bond angle in ethene molecule is.	A. <p>120^o</p> B. <p>180^o</p> C. <p>109^o</p> D. <p>107.5^o</p>
5	Which law states that enthalpy change is independent of the path taken.	A. Hess's law B. Boyle's law C. Avogadr's law D. Dalto's law
6	Pressure used in Haber Process.	A. 2 atm B. 300 atm C. 200 atm D. 5 atm
7	Which hydrocarbon has a higher boiling point due to longer chain length.	A. <p>C ₆ H ₁₄ </p> B. <p>C ₂ H ₆ </p> C. <p>C ₂ H ₈ </p> D. <p>CH ₃ </p>
8	Which of the following has minimum mass	A. <p>3 x 10 ²³ atom of C</p> B. <p>1 mole of S</p> C. <p>79 gram of Ag</p> D. <p>2 gram atomsof N</p>
9	What intermediate is formed duiring the electrophilic additionof HBr TO AN ALKENE.	A. Carbonation B. Carbanion C. Radical D. Epoxide
10	Which species is both a Bronsted acid and base.	A. H ₂ O B. Na ⁺ C. OH ⁻ D. Cl ⁻
11	A polymer used for non -stick cookware is.	A. Teflon B. Nylon C. Plyvinyl chloride D. Polythene
12	Oxidation numebrof oxygen in H ₂ O	A. 1 B. -2 C. 0 D. +1
13	For a specific reaction the valu eof the equilibrium constant, K _c ?	A. Always remains the same at differrent reaction conditions B. Increases if the concentration of one ofthe product is increased C. Changes with changes in the temperature D. Increasees if the concentration of one of the ratants is increased
14	Which of the following is always negative in an exothermic reaction.	A. Delta H B. Activation energy C. Entropy D. Delta S

15	An alkene undergoes ozonolysis followed by reduction with zinc dust and water to yield propanone and methanal. The alkene is	A. 1- Butene B. 2- Butene C. 2- Methylpropene D. 2- Methyl -2- butene
16	An acid and base react to give a.....acid and base	A. Amphoteric B. Salt C. Conjugate D. Neutral
17	Delta H = q at constant	A. Pressure B. Energy C. Volume D. Temperature
18	What is the prefix for a three -carbon chain in IUPAC nomenclature.	A. Eth- B. Prop- C. But- D. Pent-
19	A positive value for the standard electrode potential of a metal ion metal half cell indicate that	A. The metal is strong reducing agent B. The metal ion is readily oxidized C. The metal ion is readily reduced D. The metal will readily displace hydrogen from dilute acids.
20	Ethene belongs to which class of hydrocarbons.	A. Alkane B. Alkene C. Alkyne D. Aromatic