

Chemistry Fsc Part 1 Online Test

_	-	
Sr	Questions	Answers Choice
1	The volume of occupied by 1.4 g of N1 at	A. 1.12 dm3 B. 2.24 dm3 C. 22.4 dm3 D. 112 dm3
2	Which property increases as you go down a group in the periodic table?	A. Atomic radium B. Elecron affinity C. Electronegativity D. lonization Energy
3	NaOH is not considered an Bronsted Lowry acid because.	A. It's neutral B. It's not soluble C. Doesn't donate H+ D. Doesn't produce H+
4	Unit of half life is	A. mol B. s C. mol dm-3 D. J
5	Which one reduces activation energy.	A. Catlyst B. Inhibitor C. Product D. Reactant
6	The pH scale ranges typically from	A. 1 -10 B. 0 - 14 C1 to 1 D. 7 - 14
7	Why does ice float on water.	A. It has lower density than water B. It is heavier than water C. It forms ionic bonds D. It denser than water
8	Law of mass action applies to	A. Closed systems only B. Open systems C. Irreversibel systems D. Combustion reactions
9	When a bond is formed	A. Energy is absorbed B. Energy is released C. Delta H is always zero D. No energy change
10	Which of the folloing has the lowest boiling point among pentane isomers.	A. 2-2 Dimethylpropane B. n -Pantane C. 2 Methyle Butane D. lsohexane
11	Which of the following is a weak base.	A. KOH B. NaOH C. NH3 D. Ca(OH)2
12	When does a liqudi start boiling.	A. When temperatur reahes 100 oC B. When its vaporu pressur eequals atmospheric pressure C. When all molecules turn into vapour D. When surface tension becomes zero
13	Which of the followng statemtn not correct regarding bounding molecular oritals.	A. Bonding molecular orbital posses less energy than atomic orbitals from which they are formed B. Bonnding molecular orbitals have low electron density betwene the two nuclie C. Every electron in the boundg molecular orbitals contributes to the

		attraction between atoms. D. Bonding molecular orbitals are formed whn the electron waves undergo constructive interference
14	Catalyst used in contact process	A. Fe B. V2O5 C. Ni D. Al2O3
15	Which of the following is a state function.	A. Heat B. Enthalpy C. Work D. Path
16	Octet rule is not obeyed b which of the following compounds during its formation	A. H2O B. NaCl C. NH3 D. PF5
17	Which scientist first time observed eh periodiciy in the elements.	A. Dobereiner B. D. Mendeleev C. j. Newlands D. L. Meyer
18	If a chemical reaction has Delta H = -100 kj/mol, it is.	A. Endothermic B. Exothermic C. Isothermal D. Isobaric
19	Select basic oxide.	A. MgO B. CO2 C. SiO2 D. Al2 O2
20	k has unit s-1 for	A. First order B. Second order C. Third order D. zero order