**ILMI BLOG.COM FSC 1ST YEAR CHEMISTRY CHAPTER 3 TEST**

**STUDENT NAME-------------------------- ROLL # ------------------------------- DATE: / /**

**Class 1 year Chapter 3 T. Marks: 40 Subject Chemistry Time 45 min Obtain marks------------------**

**Q # 1 encircle the correct option 1\*10=10**

1. The molecular have no attractive forces: A) Solid B) Liquid C) Gas D) None
2. Pu forward molecular kinetic theory of gases: A) Bernouli B) Clausius C) Boltzmann’s D) None
3. Also studies the distribution energies among the gas molecular: A) Bernouli B) Clausius C) Boltzmann’s D) None
4. Current attempts have resulted temperature as low as: A) 10-4 K B) 10-5 K C) 10-6 K D)10-7 K
5. Plasma is estimated to constitute more then ----% of visible universe: A) 72% B) 90% C) 99% D) 99.9%
6. Sun is a million----Km ball of plasma: A) 2.5 B) 3.5 C) 4.5 D) 1.5
7. Molar mass of CO2 is maximum at: A) STP B)127 & 1 atm C) 0C and 2 atm D) None
8. The product PV has SI unit of: A) Nm B) Nm-1 C) Nm-2  D) None
9. Is the most abundant form of matter in: A) Solid B) Liquid C) Gas D) Plasma
10. Numner of molecules in 1 dm3 water is closed to: A) 6.02 \*10-23/22.4 B) 12.04 \*10-23/22.4 C) 6.02 \*1023 \*55.6 D) Non

**Q # 2: Short Question 10 \* 2= 20**

1. Define Boyle Law.
2. What do mean by isotherm.
3. What is Charles Law?
4. Write quantitative definition of absolute Zero.
5. What do know about Celsius and Kelvin scale?
6. Write Si unit of general Gas constant.
7. What is Avogadro’s Law?
8. Define Dalton Law of partial Pressure.
9. How is plasma formed?
10. Differentiate between natural and artificial plasma.

**Q # 3 Long Questions 2\* 5 =10**

1. Define application of Dalton Law of partial pressure.
2. Explain Kinetic Molecular theory of Gas.