Physics Fsc Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	No entrpy chagne is associated with	A. isothermal process B. Adiabatic process C. Isobaric process D. Isochoric process
2	Work done by the system is takn as	A. Positive B. Negative C. Undefined D. None of these
3	The gas molecule sare in	A. Linear motion B. Random Motion C. Brownian motion D. Circulatory motion
4	The process which is carried out at constant temperature is called.	A. Adiabatic process B. Isothermal process C. Isochoic process D. Isobaric process
5	What happens to internal energy of an object when its temperature.	A. Decreses B. Increases I C. Fluctuates D. Remains Constant
6	The chagne in inernal energy is defined as.	A. Q- W B. Q- T C. Q+ P D. Q - P
7	Entropy of a system in reversibel process	A. Fluctuates B. Increases C. Is infinite D. Decrease
8	Carnot Cycle is	A. Reersible B. Irreversible C. Both D. Cp - Cv = R
9	Internal energy is similar to the	A. Vibrational K.E. B. Gravitational P.E. C. K.E. D. All of these
10	First law of thermodynamics is based upon law of conservatio of.	A. Mass B. Momentum C. Energy D. Charge
11	The process in which no heat enters or leaves the system is known as.	A. Isothermal process B. Adiabatic process C. Isochoric process D. Isobaric process
12	The efficiency of carnot eninge is always.	A. Greater than real engine B. Less than real engine C. Equal to the real engine D. Both a and b
13	In an isothermal chagne, internal energy.	A. Decrease B. Increase C. Remain same D. Becomes zero
14	Boyle's law states that " The volume of a given mass of a gas is...................."	A. Directly proportional to absolute temperature B. Invesely proportional to absolute temperature

		C. Directly proportional to density D. Inversely proportional topressure
15	When two obnects are made in thermal contact heaving same temperature then they are at.	A. Thermal Equilibrium B. Chemical equilibrium C. Mechanicla Equilibrium D. Physical Equilibrium
16	What can be calculated from the curve under PV graph.	A. Heat B. Work done C. Temperatures D. Internal energy
17	K = R/NA , Where k is called.	A. Rydsberg constant B. Boltzmann constant C. Stefan constant D. Planck's constant
18	In an adiabatic process, there is no.	A. Change in temperature B. Exchagne of heat C. Chagne is internal energy D. Work done
19	In reversible cyclic process the change in entropy of system.	A. Remains constant B. Increase C. Decrease D. Becomes zero
20	When hot and cold water are mixed the entropy	A. Decrease B. Increase C. Remains constant D. Zero