

14	No entropy change is associated with	<p>A. <p>Isothermal process</p></p> <p>B. <p>Adiabatic process</p></p> <p>C. <p>Isobaric process</p></p> <p>D. <p>Isochoric process</p></p>
15	'R' is called	<p>A. <p>Universal constant</p></p> <p>B. <p>Universal per molecule constant</p></p> <p>C. <p>Universal gas constant</p></p> <p>D. <p>All of the above</p></p>
16	The process which is carried out at constant temperature is called.	<p>A. <p>Adiabatic process</p></p> <p>B. <p>Isothermal process</p></p> <p>C. <p>Isochoic process</p></p> <p>D. <p>Isobaric process</p></p>
17	Boyle's law states that " The volume of a given mass of a gas is....."	<p>A. <p>Directly proportional to absolute temperature</p></p> <p>B. <p>Invesely proportional to absolute temperature</p></p> <p>C. <p>Directly proportional to density</p></p> <p>D. <p>Inversely proportional to pressure</p></p>
18	A system does 600 J of work and at the same time has its internal energy increased by 320 J. How much heat has been supplied.	<p>A. <p>920 J</p></p> <p>B. <p>280 J</p></p> <p>C. <p>600 J</p></p> <p>D. <p>200 J</p></p>
19	Internal energy is similar to the	<p>A. <p>Vibrational K.E.</p></p> <p>B. <p>Gravitational P.E.</p></p> <p>C. <p>K.E.</p></p> <p>D. <p>All of these</p></p>
20	What can be calculated from the curve under PV graph.	<p>A. <p>Heat</p></p> <p>B. <p>Work done</p></p> <p>C. <p>Temperatures</p></p> <p>D. <p>Internal energy</p></p>