

Chemistry Fsc Part 1 Chapter 7 Online Test

Sr	Questions	Answers Choice
1	Question Image	A. Heat of reaction B. Heat of sublimation C. Heat of neutralization D. Heat of combustion
2	For a given process, the heat change at constant pressure (q_p) and at constant volume (q_v) are related to each other as	A. $q_p = q_v$ B. $q_p < q_v$ C. $q_p > q_v$ D. $q_p = q_v/2$
3	Which of the following statement is contrary to the first law of thermodynamics	A. An equivalent amount of heat energy can neither be created nor destroyed B. One form of energy can be transferred into an equivalent amount of other kinds of energy C. In an adiabatic process, the work done is independent of its path D. Continuous production of mechanical work without supplying an equivalent amount of heat is possible
4	The change in heat energy of a chemical reaction at constant temperature and pressure is called	A. Enthalpy change B. Bond energy C. Heat of sublimation D. Internal energy change
5	Calorie is equivalent to	A. 0.4184 J B. 41.84 J C. 4.184 J D. 418.4 J
6	In endothermic reactions, the heat content of the	A. Products is more than that of reactants B. Reactants is more than that of products C. Both a and b D. Reactant and products is equal
7	If an endothermic reaction is allowed to take place very rapidly in the air, the temperature of the surrounding air	A. Remains constant B. Increase C. Decrease D. Increase a bit