

Everyday Science Online Test

Sr	Questions	Answers Choice
1	The material used for electric fuse is an alloy of tin and lead. This alloy should have:	A. high specific resistance and low melting point. B. low specific resistance and high melting point C. low specific resistance resistance and high melting point D. low specific resistance and low melting point
2	Which one among the following would expand the most on being heated	A. Air B. Water C. Alcohol D. Glass
3	Viewfinders, used in automobiles to located the position of the vehicles behind, are made of	A. Parabolic mirror B. Plane mirror C. Concave mirror D. Convex mirror
4	Most of the communication satellites today are placed in a geostationary orbit, in order to stay over the same spot on the earth, a geostationary satellite has to be directly above the	A. Equator B. Tropic of Cancer C. Either North or South Pole D. Tropic of Capricorn
5	In scuba-diving, while ascending toward the water surface, there is a danger of bursting the lung, It is because of	A. Boyle's law B. Archimedes' principle C. Gay-Lussac's law of combining volumes D. Gram's law of diffusion
6	A body is charged negatively. It implies that	A. It has lost some of its protons B. It has lost some of its electrons C. It has acquired some electrons form outside D. None of these
7	A close bottle containing water at room temperature is taken to the Moon and then the lid is opened. The water will	A. Boil B. Freeze C. Decompose into oxygen and hydrogen D. Not change at all
8	In the case of nuclear disaster, which of the following options for cooling the nuclear reactors may be adopted 1. Pumping of water to the reactors 2. Use of boric acid 3. Taking out the fuel rods and keeping them in a cooling pond Select the correct answer using the code given below	A. 1 and 2 only B. 1, 2 and 3 C. 1 and 3 only D. 3 only
9	Which one among the following will you put in to pure water in order to pass electric current through it	A. Mustard oil B. Sugar C. Lemon Juice D. Kerosene
10	What does an air conditioner installed in a room control	A. Humidity and temperature only B. Temperature only C. Pressure and temperature only D. Humidity, Pressure and temperature