

## ECAT Chemistry Chapter 13 S-Block Elements Online Test

Sr	Questions	Answers Choice
1	Which one o the following does not belong to alkaline earth metals?	A. Be B. Re C. Ba D. Rn
2	All alkali metals react with acetylene to form acetylides except	A. Li B. Na C. K D. Rb
3	Chile saltpetre has the chemical formule	A. NaNO <sub>3</sub> B. KNO <sub>3</sub> C. Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> D. Na <sub>2</sub> CO <sub>3</sub> .H <sub>2</sub> O
4	Which element is deposited at the cathode during the electrolysis of brine in Nelson's cell?	A. H <sub>2</sub> B. Na C. Cl <sub>2</sub> D. O <sub>2</sub>
5	p-block elements belong to group	A. I-A & D. II-A B. III-A to VIII-A C. I-B to X-B D. Lanthanides
6	Down's cell is used to prepare:	A. Sodium carbonate     B. Sodium bicarbonate     C. Sodium metal     D. Sodium hydroxide
7	Plaster of paris is mixed with water, the expansion in volume is:	A. 1% B. 2% C. 3% D. 4%
8	Carbonates of alkaline earth metals decomposes to respectgive metal	A. Oxides B. Nitrates C. Sulphates D. CO <sub>2</sub>
9	Arabic word "alkali" means:	A. The ashes B. the sour C. The fragrant D. Caustic
10	Which alkaline earth metal makes peroxide?	A. Be B. Mg C. Ca D. Ba
11	Gypsom added in cement is:	A. 1% B. 2% C. 3% D. 4%
12	Which one is alkaline earth metal?	A. Sodium B. Beryllium C. Potassium D. Lithium
13	Which are being formed by alakli metals?	A. oxides B. nitrides C. carbides D. peroxides
14	The mineral CaSO <sub>4</sub> .2H <sub>2</sub> O has the general name	A. gypsum B. dolomite C. calcite D. epsom salt
15	Decomposition of carbonate of alkaline earth metals produce gas	A. N <sub>2</sub> B. Oxide C. CO <sub>2</sub>

		D. CO
16	Acidic soils are neutralized by adding:	<ul><li>A. Plaster of paris</li><li>B. Brine</li><li>C. Lime</li><li>D. Milk of magnesia</li></ul>
17	Which is plaster of paris?	A. CaSO <sub>4</sub> .H <sub>2</sub> O B. (CaSO <sub>4</sub> ) <sub>2</sub> O C. CaSO <sub>4</sub> 2O D. CaSO <sub>4</sub> .2H <sub>2</sub> O D. CaSO <sub>4</sub> .3H <sub>2</sub> O
8	Lime is often used as an agent:	A. dehydrating B. hydrating C. oxidizing D. reducing
9	s-block elements belong to groups	A. I-A & D. II-A B. III-A to VIII-A C. I-B to X-B D. Lanthanides
0	Which ion will have the maximum value of heat of hydration?	A. Na <sup>+</sup> B. Cs <sup>+</sup> C. Ba <sup>+</sup> D. Mg <sup>+2</sup>