

ECAT Chemistry Chapter 13 S-Block Elements

Sr	Questions	Answers Choice
1	Which of the following sulphates is not soluble in water?	A. Sodium sulphate B. Potassium sulphate C. Zinc sulphate D. Barium sulphate
2	Chlorophyll contains in it	A. Li B. Na C. Mg D. Ca
3	Which one of the following is not an alkali metal?	A. Francium B. Caesium C. Rubidium D. Radium
4	Which one is alkaline earth metal?	A. Sodium B. Beryllium C. Potassium D. Lithium
5	Milk of lime is	A. MgO B. CaO C. Ca(OH)_2 D. Mg(OH)_2
6	Which element is deposited at the cathode during the electrolysis of brine in Nelson's cell?	A. H_2 B. Na C. Cl_2 D. O_2
7	Cement plaster is made by mixing plaster of paris with	A. glue or oil B. gypsum C. glycol D. alum or borax
8	Carbonates of alkaline earth metals decomposes to respective metal	A. oxides B. nitrates C. sulphates D. CO_2
9	Group VII-A elements are called:	A. s-block elements B. p-block elements C. d-block elements D. f-block elements
10	Chile saltpetre has the chemical formul	A. NaNO_3 B. KNO_3 C. $\text{Na}_2\text{B}_4\text{O}_7$ D. $\text{Na}_2\text{CO}_3 \cdot \text{H}_2\text{O}$
11	Plaster of paris is mixed with water, the expansion in volume is:	A. 1% B. 2% C. 3% D. 4%
12	alkaline metal have electrons in s-orbitals:	A. One B. Two C. three D. Four
13	Which is plaster of paris?	A. $\text{CaSO}_4 \cdot \text{H}_2\text{O}$ B. $(\text{CaSO}_4)_2 \cdot \text{H}_2\text{O}$ C. $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ D. $\text{CaSO}_4 \cdot 3\text{H}_2\text{O}$
14	I-A group elements are called:	A. Alkali-metal B. alkaline earth metals C. Halogens D. Chalcogens
15	Decomposition of carbonate of alkaline earth metals produce gas	A. N_2 B. Oxide C. CO_2 D. -

		D. CO
16	Transition elements belong to	A. I-A & II-A B. III-A to VIII-A C. I-B to X-B D. Lanthanides
17	Acidic soils are neutralized by adding:	A. Plaster of paris B. Brine C. Lime D. Milk of magnesia
18	Alkali metals have electrons in s-orbital:	A. one B. two C. three D. Four
19	The mineral $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ has the general name	A. gypsum B. dolomite C. calcite D. epsom salt
20	Which alkaline earth metal makes peroxide?	A. Be B. Mg C. Ca D. Ba