

ECAT Chemistry Chapter 13 S-Block Elements

Sr	Questions	Answers Choice
1	Transition elements belong to	A. I-A & II-A B. III-A to VIII-A C. I-B to X-B D. Lanthanides
2	Milk of lime is	A. MgO B. CaO C. Ca(OH)_2 D. Mg(OH)_2
3	Which is plaster of paris?	A. $\text{CaSO}_4 \cdot \text{H}_2\text{O}$ B. $(\text{CaSO}_4)_{2/3} \cdot \text{H}_2\text{O}$ C. $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ D. $\text{CaSO}_4 \cdot 3\text{H}_2\text{O}$
4	Which are being formed by alkali metals?	A. oxides B. nitrides C. carbides D. peroxides
5	The oxides of beryllium are	A. acidic B. basic C. amphoteric D. none of these
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	The element caesium bears resemblance with:	A. Ca B. Cr C. Both of the above D. None of these
8	Which one is alkaline earth metal?	A. Sodium B. Beryllium C. Potassium D. Lithium
9	Chlorophyll contains in it:	A. Li B. Na C. Mg D. Ca
10	Carbonates of alkaline earth metals decomposes to respective metal	A. Oxides B. Nitrates C. Sulphates D. CO_2
11	Which ion will have the maximum value of heat of hydration?	A. Na^{+} B. Cs^{+} C. Ba^{+} D. Mg^{+2}
12	Which one of the following is not an alkali metal?	A. Francium B. Caesium C. Rubidium D. Radium
13	Which oxide is insoluble	A. Li_2O B. Na_2O C. K_2O D. BaO
14	p-block elements belong to group	A. I-A & II-A B. III-A to VIII-A C. I-B to X-B D. Lanthanides

15	alkaline metal have electrons in s-orbitals:	A. One B. Two C. three D. Four
16	The strong alkaline solution in water is of metal:	A. Potassium B. Sodium C. Lithium D. Magnesium
17	Carbonates of alkaline earth metals decomposes to respective metal	A. oxides B. nitrates C. sulphates D. CO ₂
18	Which one o the following does not belong to alkaline earth metals?	A. Be B. Re C. Ba D. Rn
19	The mineral CaSO ₄ .2H ₂ O has the general name	A. gypsum B. dolomite C. calcite D. epsom salt
20	All alkali metals react with acetylene to form acetylides except	A. Li B. Na C. K D. Rb