

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	Arabic word "alkali" means:	A. The ashes B. the sour C. The fragrant D. Caustic
3	Which ion will have the maximum value of heat of hydration?	A. Na^{+} B. Cs^{+} C. Ba^{+} D. Mg^{+2}
4	Lime is often used as an agent:	A. dehydrating B. hydrating C. oxidizing D. reducing
5	Which one is alkali metal in them?	A. Rubidium B. Magnesium C. Calcium D. Barium
6	Which are being formed by alkali metals?	A. oxides B. nitrides C. carbides D. peroxides
7	Milk of lime is	A. MgO B. CaO C. Ca(OH)_2 D. Mg(OH)_2
8	Transition elements belong to	A. I-A & II-A B. III-A to VII-A C. I-B to X-B D. Lanthanides
9	Group VII-A elements are called:	A. s-block elements B. p-block elements C. d-block elements D. f-block elements
10	Acidic soils are neutralized by adding:	A. Plaster of paris B. Brine C. Lime D. Milk of magnesia
11	Cement plaster is made by mixing plaster of paris with:	A. glue or oil B. gypsum C. glycol D. alum or borax
12	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
13	The element caesium bears resemblance with:	A. Ca B. Cr C. Both of the above D. None of these
14	Gypsum added in cement is:	A. 1% B. 2% C. 3% D. 4%
15	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

16 Down's cell is used to prepare:

A. Sodium carbonate
B. Sodium bicarbonate
C. Sodium metal
D. Sodium hydroxide

17 Alkali metals have electrons in s-orbital:

A. one
B. two
C. three
D. Four

18 Which is insoluble carbonate?

A. KCO_{3}
B. $CaCO_{3}$
C. $Na_{2}CO_{3}$
D. $K_{2}CO_{3}$

19 Lime is often used as an agent

A. dehydrating
B. hydrating
C. oxidizing
D. reducing

20 Diaphragm cell is used to prepare

A. sodium
B. sodium hydroxide
C. calcium
D. magnesium
