

ECAT Chemistry Chapter 13 S-Block Elements Online Test

Sr	Questions	Answers Choice
1	Which one of the following does not belong to alkaline earth metals?	A. Be B. Ra C. Ba D. Rn
2	The oxides of beryllium are	A. acidic B. basic C. amphoteric D. none of these
3	Which ion will have the maximum value of heat of hydration?	A. Na^{+} B. Cs^{+} C. Ba^{+} D. Mg^{+2}
4	Which one of the following is not an alkali metal?	A. Francium B. Caesium C. Rubidium D. Radium
5	Which of the following sulphates is not soluble in water?	A. Sodium sulphate B. Potassium sulphate C. Zinc sulphate D. Barium sulphate
6	Chile saltpetre has the chemical formule	A. NaNO_3 B. KNO_3 C. $\text{Na}_2\text{B}_4\text{O}_7$ D. $\text{Na}_2\text{CO}_3 \cdot \text{H}_2\text{O}$
7	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
8	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
9	Carbonates of alkaline earth metals decomposes to respective metal	A. oxides B. nitrates C. sulphates D. CO_2
10	All alkali metals react with acetylene to form acetylides except	A. Li B. Na C. K D. Rb
11	Which are being formed by alakli metals?	A. oxides B. nitrides C. carbides D. peroxides
12	Which are being formed by alkali metals?	A. oxides B. nitrides C. carbides D. peroxides
13	Which oxide is insouluble	A. Li_2O B. Na_2O C. K_2O D. BaO
14	Diaphragm cell is used to prepare	A. sodium B. sodium hydroxide C. calcium D. magnesium
15	Decomposition of carbonate of alkaline earth metals produce gas	A. N_2 B. Oxide C. CO_2 D. O_2

		D. CO
16	Maximum shielding effect is observing in	A. Li B. Be C. Mg D. Ca
17	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. $\text{CaSO}_4 \cdot 3\text{H}_2\text{O}$
18	Which is insoluble carbonate?	A. KCO_3 B. CaCO_3 C. Na_2CO_3 D. K_2CO_3
19	Chlorophyll contains in it	A. Li B. Na C. Mg D. Ca
20	Milk of lime is	A. MgO B. CaO C. Ca(OH)_2 D. Mg(OH)_2
21	Lime is often used as an agent	A. dehydrating B. hydrating C. oxidizing D. reducing
22	Gypsom added in cement is	A. 1% B. 2% C. 3% D. 4%
23	Cement plaster is made by mixing plaster of paris with	A. glue or oil B. gypson C. glycol D. alum or borax
24	acidic soils are neutralized by adding	A. plaster of paris B. brine C. lime D. milk of magnesia
25	CO ₂ absorber used in breathing tanks is	A. K_2O B. K_2O C. KO_2 D. Na_2O
26	Which alkaline earth metal makes peroxide?	A. Be B. Mg C. Ca D. Ba
27	s-block elements belong to groups	A. I-A & II-A B. III-A to VIII-A C. I-B to X-B D. Lanthanides
28	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
29	Transition elements belong to	A. I-A & II-A B. III-A to VIII-A C. I-B to X-B D. Lanthanides
30	d-block elements belong to groups	A. I-A & II-A B. III-A to VIII-A C. I-B to X-B D. Lanthanides
31	Which one o the following does not belong to alkaline earth metals?	A. Be B. Re C. Ba D. Rn
32	the oxides of beryllium are:	A. acidic B. basic C. amphoteric D. None of these

A. Ca

33	The element caesium bears resemblance with:	A. Cu B. Cr C. Both of the above D. None of these
34	Down's cell is used to prepare:	A. Sodium carbonate B. Sodium bicarbonate C. Sodium metal D. Sodium hydroxide
35	Carbonates of alkaline earth metals decomposes to respective metal	A. Oxides B. Nitrates C. Sulphates D. CO_2
36	All alkali metals react with acetylene to form acetylides except:	A. Li B. Na C. K D. Rb
37	Chlorophyll contains in it:	A. Li B. Na C. Mg D. Ca
38	Lime is often used as an agent:	A. dehydrating B. hydrating C. oxidizing D. reducing
39	Gypsum added in cement is:	A. 1% B. 2% C. 3% D. 4%
40	Cement plaster is made by mixing plaster of paris with:	A. glue or oil B. gypsum C. glycol D. alum or borax
41	Plaster of paris is mixed with water, the expansion in volume is:	A. 1% B. 2% C. 3% D. 4%
42	Acidic soils are neutralized by adding:	A. Plaster of paris B. Brine C. Lime D. Milk of magnesia
43	I-A group elements are called:	A. Alkali-metal B. alkaline earth metals C. Halogens D. Chalcogens
44	II-A group element are called:	A. s-block elements B. p-block elements C. d-block elements D. f-block elements
45	Group VII-A elements are called:	A. s-block elements B. p-block elements C. d-block elements D. f-block elements
46	Arabic word "alkali" means:	A. The ashes B. the sour C. The fragrant D. Caustic
47	Which one is alkali metal in them?	A. Rubidium B. Magnesium C. Calcium D. Barium
48	Which one is alkaline earth metal?	A. Sodium B. Beryllium C. Potassium D. Lithium
49	The strong alkaline solution in water is of metal:	A. Potassium B. Sodium C. Lithium D. Magnesium
50	Alkali metals have electrons in s-orbital:	A. one B. two C. three D. Four

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- A. One
- B. Two
- C. three
- D. Four