

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

Sr	Questions	Answers Choice
1	Maximum shielding effect is observing in	A. Li B. Be C. Mg D. Ca
2	Plaster of paris is mixed with water, the expansion in volume is:	A. 1% B. 2% C. 3% D. 4%
3	Which oxide is insoluble	A. $\text{Li}_2\text{O}$ B. $\text{Na}_2\text{O}$ C. $\text{K}_2\text{O}$ D. BaO
4	Group VII-A elements are called:	A. s-block elements B. p-block elements C. d-block elements D. f-block elements
5	Chlorophyll contains in it	A. Li B. Na C. Mg D. Ca
6	Arabic word "alkali" means:	A. The ashes B. the sour C. The fragrant D. Caustic
7	Diaphragm cell is used to prepare	A. sodium B. sodium hydroxide C. calcium D. magnesium
8	Decomposition of carbonate of alkaline earth metals produce gas	A. $\text{N}_2$ B. Oxide C. $\text{CO}_2$ D. CO
9	Chile saltpetre has the chemical formule	A. $\text{NaNO}_3$ B. $\text{KNO}_3$ C. $\text{Na}_2\text{B}_4\text{O}_7$ D. $\text{Na}_2\text{CO}_3 \cdot \text{H}_2\text{O}$
10	The element caesium bears resemblance with:	A. Ca B. Cr C. Both of the above D. None of these
11	Carbonates of alkaline earth metals decomposes to respective metal	A. Oxides B. Nitrates C. Sulphates D. $\text{CO}_2$
12	alkaline metal have electrons in s-orbitals:	A. One B. Two C. three D. Four
13	Cement plaster is made by mixing plaster of paris with:	A. glue or oil B. gypsom C. glycol D. alum or borax
14	II-A group element are called:	A. s-block elements B. p-block elements C. d-block elements D. f-block elements
15	Acidic soils are neutralized by adding:	A. Plaster of paris B. Brine C. Lime D. ...

		D. Milk of magnesia
16	Which ion will have the maximum value of heat of hydration?	A. $\text{Na}^{+}$ B. $\text{Cs}^{+}$ C. $\text{Ba}^{+}$ D. $\text{Mg}^{+2}$
17	The oxides of beryllium are	A. acidic B. basic C. amphoteric D. none of these
18	Which one of the following does not belong to alkaline earth metals?	A. Be B. Re C. Ba D. Rn
19	Transition elements belong to	A. I-A & II-A B. III-A to VIII-A C. I-B to X-B D. Lanthanides
20	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
21	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
22	Which of the following sulphates is not soluble in water?	A. Sodium sulphate B. Potassium sulphate C. Zinc sulphate D. Barium sulphate
23	Which one of the following does not belong to alkaline earth metals?	A. Be B. Ra C. Ba D. Rn
24	Which one is alkaline earth metal?	A. Sodium B. Beryllium C. Potassium D. Lithium
25	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
26	acidic soils are neutralized by adding	A. plaster of paris B. brine C. lime D. milk of magnesia
27	$\text{CO}_2$ absorber used in breathing tanks is	A. $\text{K}_2\text{O}$ B. $\text{K}_2\text{O}$ C. $\text{KO}_2$ D. $\text{Na}_2\text{O}$
28	Gypsum added in cement is	A. 1% B. 2% C. 3% D. 4%
29	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. $\text{CaSO}_4 \cdot 3\text{H}_2\text{O}$
30	Which element is deposited at the cathode during the electrolysis of brine in Nelson's cell?	A. $\text{H}_2$ B. Na C. $\text{Cl}_2$ D. $\text{O}_2$
31	Cement plaster is made by mixing plaster of paris with	A. glue or oil B. gypson C. glycol D. alum or borax
32	Chlorophyll contains in it:	A. Li B. Na C. Mg D. Ca

A. oxides

33	Carbonates of alkaline earth metals decomposes to respective metal	<p>A. oxides</p> <p>B. nitrates</p> <p>C. sulphates</p> <p>D. <math>\text{CO}_2</math></p>
34	the oxides of beryllium are:	<p>A. acidic</p> <p>B. basic</p> <p>C. amphoteric</p> <p>D. None of these</p>
35	Which is insoluble carbonate?	<p>A. <math>\text{KCO}_3</math></p> <p>B. <math>\text{CaCO}_3</math></p> <p>C. <math>\text{Na}_2\text{CO}_3</math></p> <p>D. <math>\text{K}_2\text{CO}_3</math></p>
36	Which are being formed by alkali metals?	<p>A. oxides</p> <p>B. nitrides</p> <p>C. carbides</p> <p>D. peroxides</p>
37	Lime is often used as an agent:	<p>A. dehydrating</p> <p>B. hydrating</p> <p>C. oxidizing</p> <p>D. reducing</p>
38	Down's cell is used to prepare:	<p>A. Sodium carbonate</p> <p>B. Sodium bicarbonate</p> <p>C. Sodium metal</p> <p>D. Sodium hydroxide</p>
39	The strong alkaline solution in water is of metal:	<p>A. Potassium</p> <p>B. Sodium</p> <p>C. Lithium</p> <p>D. Magnesium</p>
40	Which alkaline earth metal makes peroxide?	<p>A. Be</p> <p>B. Mg</p> <p>C. Ca</p> <p>D. Ba</p>
41	Lime is often used as an agent	<p>A. dehydrating</p> <p>B. hydrating</p> <p>C. oxidizing</p> <p>D. reducing</p>
42	Milk of lime is	<p>A. MgO</p> <p>B. CaO</p> <p>C. <math>\text{Ca(OH)}_2</math></p> <p>D. <math>\text{Mg(OH)}_2</math></p>
43	Alkali metals have electrons in s-orbital:	<p>A. one</p> <p>B. two</p> <p>C. three</p> <p>D. Four</p>
44	Which one is alkali metal in them?	<p>A. Rubidium</p> <p>B. Magnesium</p> <p>C. Calcium</p> <p>D. Barium</p>
45	Gypsum added in cement is:	<p>A. 1%</p> <p>B. 2%</p> <p>C. 3%</p> <p>D. 4%</p>
46	I-A group elements are called:	<p>A. Alkali-metal</p> <p>B. alkaline earth metals</p> <p>C. Halogens</p> <p>D. Chalcogens</p>
47	All alkali metals react with acetylene to form acetylides except	<p>A. Li</p> <p>B. Na</p> <p>C. K</p> <p>D. Rb</p>
48	Which one of the following is not an alkali metal?	<p>A. Francium</p> <p>B. Caesium</p> <p>C. Rubidium</p> <p>D. Radium</p>
49	All alkali metals react with acetylene to form acetylides except:	<p>A. Li</p> <p>B. Na</p> <p>C. K</p> <p>D. Rb</p>
50	p-block elements belong to group	<p>A. I-A &amp; II-A</p> <p>B. III-A to VIII-A</p> <p>C. I-B to X-B</p> <p>D. Lanthanides</p>

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Which are being formed by alkali metals?

- A. oxides
- B. nitrides
- C. carbides
- D. peroxides