

## Chemistry Fsc Part 2 Chapter 2 Online Test

Sr	Questions	Answers Choice
1	The word alkali is derived from which language	A. Arabic B. Greek C. French D. German
2	Which one does not belong to the alkaline earth metals	A. Be B. Ba C. Ra D. Rn
3	Which one of the following is not an alkali metal	A. Francium B. Caesium C. Rubidium D. Radium
4	Chile saltpeter has the chemical formula	A. $\text{NaNO}_3$ B. $\text{KNO}_2$ C. $\text{Na}_2\text{B}_4\text{O}_7$ D. $\text{Na}_2\text{CO}_3 \cdot \text{H}_2\text{O}$
5	----- does not belong to Alkaline-Earth metals	A. Be B. Ra C. Ba D. Rn
6	Dolomite is a carbonate of	A. Be B. Mg C. Na D. Ba
7	The mineral $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ has the general name	A. Dolomite B. Gypsum C. Calcite D. Epsom Salt
8	Which is the least reactive of all the alkali metals	A. Li B. Na C. K D. Cs
9	Point out the element which forms super oxide	A. Li B. Na C. K D. C
10	Which metal oxide is insoluble in water	A. MgO B. CaO C. SrO D. BaO
11	The most metallic elements from the following is	A. Arsenic B. Oxygen C. Antimony D. Bismuth
12	The Milk of magnesia is used for the treatment of	A. Basicity B. Rancidity C. Acidity D. Jaundice
13	The oxides of beryllium are	A. Basicity B. Rancidity C. Amphoteric D. none of all
14	Which of the following gas will turn lime water milky	A. $\text{Cl}_2$ B. $\text{NO}_2$ C. CO D. $\text{CO}_2$
15	Nelson's cell is used to prepare	A. NaOH B. $\text{Na}_2\text{CO}_3$ C. Na metal D. $\text{Na}_2\text{O}$

		D. NaCl
16	Which elements are deposited at the cathode during the electrolysis of brine in diaphragm cell	A. $H_2$ B. Ba C. Ra D. Rn
17	Which one of the following does not belong to alkaline earth metals	A. Be B. Ra C. Ba D. Rn
18	Which one of the following does not belong to alkaline earth metals.	A. Be B. Ra C. Ba D. Rn
19	The oxide of beryllium is	A. Acidic B. Basic C. Amphoteric D. None of these
20	Which ion will have the maximum value of heat of hydration.	A. $Na^+$ B. $Ca^{+2}$ C. $Ba^{+2}$ D. $Mg^{+2}$
21	Which one of the following is not an alkali metal.	A. Francium B. Cesium C. Rubidium D. Radium
22	Which of the following sulphates is not soluble in water.	A. Sodium sulphate B. Potassium sulphate C. Zinc sulphate D. Barium Sulphate
23	The element cesium bears resemblance with	A. Ca B. Cr C. Both of the above D. None of the above
24	Chile saltpeter has the chemical formula	A. $NaNO_3$ B. $KNO_3$ C. $Na_2B_4O_7$ D. $Na_2CO_3 \cdot H_2O$
25	The ore $CaSO_4 \cdot 2H_2O$ has the general name.	A. Gypsum B. dolomite C. Calcite D. Epsom salt
26	Down's cell is used to prepare.	A. Sodium carbonate B. Sodium bicarbonate C. sodium metal D. Sodium hydroxide
27	$Ca Mg_3 (SiO_3)_2$ is the composition of.	A. Dolomite B. Gypsum C. Calcite D. Asbestos
28	In which ore carbon is present	A. Magnesite B. Epsom salt C. Barite D. Sylvite
29	Which element is present in chlorophyll	A. Ca B. Mg C. K D. Be
30	Which metal is least reactive	A. Li B. NaOH C. K D. Pb
31	Which hydroxide decomposes on heating.	A. LiOH B. NaOH C. KOH D. CaOH
32	Which one of the following pairs of metal react directly with nitrogen	A. Na and Mg B. Li and Mg C. Mg and Ca D. Li and Be
--	Alkali metal whose carbonate is relatively less stable and decomposes giving	A. Li B. Ra

33	Alkali metal whose carbonate is relatively less stable and decomposes giving its oxides is.	A. Cs B. Na C. K D. Rb
34	Which one of the following has lowest first ionization energy.	A. Li B. Na C. Rb D. Cs
35	Which is more basic	A. RbOH B. NaOH C. KOH D. Li OH
36	Which is more basic	A. RbOH B. NaOH C. KOH D. Li OH
37	Which gas is evolved when CO <sub>2</sub> is passed through KO <sub>2</sub> .	A. O <sub>2</sub> B. CO C. O <sub>3</sub> D. None of these
38	The crystals of caustic soda, NaOH, are hygroscopic when these crystals are exposed to air.	A. Gain water and remains solid B. Gain water and becomes liquid C. Lose mass and remain solid D. Remain unchanged on heating.
39	Which element reacts with carbon to form metal carbide.	A. Li B. Na C. K D. All of these
40	Magnesium metal does not burn in the jar of	A. N <sub>2</sub> B. O <sub>2</sub> C. Ne D. N <sub>2</sub> and O <sub>2</sub>
41	When carbon di oxide is bubbled through lime water, white precipitate is formed This precipitate is.	A. COCl <sub>2</sub> B. H <sub>2</sub> CO <sub>3</sub> C. CaO D. CaCO <sub>3</sub>
42	Oxide of Alkaline earth metal are	A. Acid B. Basic C. Neutral D. Amphoteric
43	Oxides of alkaline earth metal are	A. Acidic B. Basic C. Neutral D. Amphoteric
44	Which element reacts with alkali and H <sub>2</sub> gas is produced.	A. Be B. Mg C. Ca D. Sr
45	Setting of Plaster of Paris is accompanied with	A. Hydrogen bonding B. Hydration C. Dehydration D. None of these
46	Which one of the following elements has the same oxidation number in all its known compounds.	A. Beryllium B. Nitrogen C. Sulphur D. Chlorine
47	Which one of the following alkaline earth metal form peroxide when heated with oxygen at 600 °C	A. Magnesium B. Calcium C. Strontium D. Barium
48	Which oxide is amphoteric in nature.	A. BeO B. MgO C. CaO D. BaO
49	Which is called milk of magnesia.	A. MgCO <sub>3</sub> B. Mg(OH) <sub>2</sub> C. MgSO <sub>4</sub> D. MgCl <sub>2</sub>
50	Which is insoluble in water.	A. BeSO <sub>4</sub> B. MgSO <sub>4</sub> C. CaSO <sub>4</sub> D. BaSO <sub>4</sub>

51	Sodium is collected over molten sodium chloride in Down's cell, because.	A. It does not react with NaCl B. It is lighter in weight and floats on molten NaCl C. Its reactivity is greater than NaCl D. None of these
52	In Down's cell anode is made up of.	A. Iron B. Copper C. Graphite D. Platinum
53	Which substance is used to lower the melting point of NaCl in Down's cell	A. $\text{CaCO}_3$ B. $\text{CaCl}_2$ C. $\text{MgSO}_4$ D. $\text{AlCl}_3$
54	Which of the following compounds is used to make spray, which has fungicidal action.	A. $\text{BaSO}_4$ B. $\text{Na}_2\text{CO}_3$ C. $\text{CaO}$ D. $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$
55	Sulphur is essential constituent for plants. Which is not role of sulphur	A. Chlorophyll development B. Development of root system C. Constituents of some proteins D. Increase transpiration force
56	When water is added to plaster of paris, it changes to a hard mass. Its volume also expands upto	A. 1% B. 2% C. 3% D. 5%
57	Which one is not use of lime	A. Extraction of metals B. Ceramic industry C. Preparation of bleaching powder D. Preparation of gypsum