

Chemistry Fsc Part 2 Chapter 3 Online Test

| Sr | Questions | Answers Choice |
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| 1 | The chief of aluminum is | A. $\text{Na}^{3+}\text{AlF}_6^{3-}$ B. $\text{Al}_2\text{O}_3 \cdot 2\text{H}_2\text{O}$ C. Al_2O_3 D. $\text{Al}_2\text{O}_3 \cdot \text{H}_2\text{O}$ |
| 2 | Tincal is a mineral of | A. Al B. C C. Si D. B |
| 3 | Kaolin is a mineral of | A. Carbon B. Magnesium C. Silicon D. Aluminium |
| 4 | The aqueous solution of Borax | A. Acidic B. alkaline C. Amphoteric D. manual |
| 5 | Which is used in the leather industry | A. Borax B. Boric acid C. Boric oxide D. Tetra Boric acid |
| 6 | Boric acid cannot be used | A. As antiseptic in medicine B. For washing eyes C. In soda bottles D. For Enamals and Glazes |
| 7 | Aluminum reacts with nitrogen to form | A. AlN B. Al_2N C. Al_2N_3 D. Al_4N_6 |
| 8 | Aluminium oxide is | A. Acidic oxide B. Basic oxide C. Amphoteric oxide D. None of these |
| 9 | ----- element forms an ion with charge 3^+ | A. Beryllium B. Aluminium C. Carbon D. Silicon |
| 10 | ----- metal is used in the Thermite process because of its reactivity | A. Tron B. Copper C. Aluminium D. Zinc |
| 11 | Which one of following is used in cosmetics | A. Talc B. Asbestos C. Sodium sulphate D. Aluminium Sulphate |
| 12 | Aluminum oxide is | A. acidic oxide B. basic oxide C. amphoteric oxide D. none of these |
| 13 | Chemical composition of colemanite is | A. $\text{Ca}_2\text{B}_6\text{O}_{11} \cdot 5\text{H}_2\text{O}$ B. $\text{CaB}_4\text{O}_7 \cdot 4\text{H}_2\text{O}$ C. $\text{Na}_2\text{B}_4\text{O}_7 \cdot 4\text{H}_2\text{O}$ D. $\text{CaNaB}_5\text{O}_9 \cdot 8\text{H}_2\text{O}$ |
| 14 | Which element form an ion with charge +3 | A. Beryllium B. Aluminum C. Carbon D. Sillicon |
| 15 | Which electronic configuration corresponds to an element of group III-A of the Periodic Table | A. $1s^2, 2s^2, 2p^6, 3s^2, 3p^1$ B. $1s^2, 2s^2, 2p^6, 3s^2, 3p^6, 4s^6$ C. $1s^2, 2s^2, 2p^6$ D. $1s^2, 2s^2, 2p^6, 3s^2, 3p^6, 4s^6$ |

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| 16 | Which of the following elements is not present abundantly in earth's crust | A. Silicon B. Aluminium C. Sodium D. Oxygen |
| 17 | Which metal is used in the thermite process because of its activity. | A. Iron B. Copper C. Aluminium D. Zinc |
| 18 | Aluminium oxide is. | A. Acidic oxide B. Basic oxide C. Amphoteric oxide D. None of these |
| 19 | Which element forms on ion with charge 3+ | A. Beryllium B. Aluminium C. Carbon D. silicon |
| 20 | Which element among the following belongs to Group IV A of the Periodic table. | A. Barium B. Iodine C. Lead D. Oxygen |
| 21 | Boric acid can not be used. | A. As antiseptic in medicine B. For washing eyes C. In soda bottle D. For enamels and glazes |
| 22 | Which of the following elements is not present abundantly in earth's crust. | A. Silicon B. Aluminium C. Sodium D. Oxygen |
| 23 | Tincal is a mineral of. | A. Al B. B C. Si D. C |
| 24 | Corundum is | A. Al ₂ O ₃ B. Na ₂ AlF ₆ C. Quartz D. Calcium |
| 25 | Which one of the followings is not ore of aluminium | A. Corundum B. Bauxite C. Colemanite D. Kaolin |
| 26 | Which one of the following elements exhibits s-inert pair effect. | A. B B. Al C. Pb D. Sc |
| 27 | Third abundant element on earth crust is. | A. Boron B. Oxygen C. Aluminium D. Silicon |
| 28 | Boron usually exist in nature as | A. Borides B. Oxoborates C. Free element D. It is a artificial element |
| 29 | Boric acid is used as eye wash due to its | A. Weakly acidic property B. Antiseptic nature C. Antibiotic nature D. Weakly basic properties |
| 30 | Ethyl alcohol on reacting with orthoboric acid form | A. Ethyl borate B. Boric acid C. Boron acetate D. Borax |
| 31 | In which compound, the oxidation state of boron is not +3 | A. H ₂ BO ₃ B. Ca ₂ B ₂ O ₁₁ C. Na ₂ B ₄ O ₇ D. Mg ₃ B ₂ |
| 32 | A solution of borax in water is. | A. Acidic B. Alkaline C. Neutral D. None of these |
| 33 | | A. Softening of water B. As medicine for washing eyes |

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| 33 | Which is not used of Borax | B. As medicine for washing eyes C. As flux in metallurgical operations D. To make quartz |
| 34 | Ortho boric acid on strong heating gives. | A. Borax B. Boron oxide C. Metaboric acid D. Tetraboric acid |
| 35 | Aluminium does not corrode because. | A. It is a semi metal B. It is a silver shining metal C. It does not react with O ₂ D. It forms a protective layer of Al ₂ O ₃ |
| 36 | Al reacts with caustic soda to form | A. Sodium aluminates B. Aluminium hydroxide C. Aluminium oxide D. sodium tetra aluminate |
| 37 | Which element burns in nitrogen atmosphere to form nitride. | A. Mg B. Al C. Both a and b D. None of these |
| 38 | Aluminium is used for making petrol and milk storage tanks because it is | A. Conductor B. Non magnetic C. Excellent reflected D. Corrosion resistant |
| 39 | Which are correct oxidation states for lead | A. +1, +2 B. +3, +5 C. +2, +4 D. +4 only |
| 40 | In which substance silicon is not present. | A. Talc B. Asbestos C. Dolomite D. Zircon |
| 41 | The shape of SiO ₂ is | A. Tetrahedral B. Trigonal bipyramid C. Linear D. Cubic |
| 42 | silicones are | A. Some salts of sodium B. Allotropes of Si C. Inorganic polymers D. Coloured compounds of Si |
| 43 | Which substance is water repellent and used in ceramic insulators. | A. Asbestos B. Lead compounds C. Silicon carbide D. silicones |
| 44 | Which one of the following compounds of lead is red in colour | A. PbO B. Pb ₂ O C. Pb ₃ O ₄ D. PbCO ₃ |
| 45 | The composition of white lead is | A. PbCO ₃ .Pb(OH) ₂ B. PbCO ₃ .2Pb(OH) ₂ C. 2PbCO ₃ .Pb(OH) ₂ D. PbCO ₃ |
| 46 | Litharge is chemically | A. PbO B. PbO ₂ C. Pb ₃ O ₄ D. Pb(CH ₃ COO) ₂ |
| 47 | Lead monoxide is | A. Amphoteric B. Neutral C. Acidic D. Basic |
| 48 | Which substance is called chrome yellow. | A. Pb ₃ O ₄ B. PbO C. 2PbCO ₃ .Pb(OH) ₂ D. PbCrO ₄ |