

Fsc Part 1 Chemistry MCQ's Test For Full Book

| Sr | Questions | Answers Choice |
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| 1 | Faradya's First Law states mass deposited is directly proportional to that m | A. Time B. Voltage C. Resistance D. Quantity of electricity passed |
| 2 | Element that can show variable oxidation states. | A. Mg B. Ca C. S D. Mg |
| 3 | Which has the highest pH | A. 0.01 M NaOH B. 0.1 M NaOH C. 0.1 M HCl D. 0.01 M HCl |
| 4 | Unit of rate for gaseous reaction are. | A. $\text{mol dm}^{-3} \text{ s}^{-1}$ B. atm C. mol D. kg s^{-1} |
| 5 | Which oxidation state will not shown by S | A. -2 B. +4 C. +8 D. +2 |
| 6 | Hydrocarbon are compounds made of. | A. Hydrogen and oxygen B. Carbon and hydrogen C. Carbon, hydrogen, and oxygen. D. Carbon and oxygen |
| 7 | Which of the following will show paramagnetic property. | A. O_2 B. N_2 C. O_2 D. O_2 |
| 8 | If a chemical reaction has $\Delta H = -100 \text{ kJ/mol}$, it is | A. Exothermic B. Endothermic C. Isothermal D. Isobaric |
| 9 | Which is the correct trend in variation of electronegativity along a period of the periodic table. | A. It decreases from left to right across a period B. It increases from left to right across a period C. It remains constant D. It has no definite trend |
| 10 | Half life of zero order reaction is | A. Constant B. Proportional to $[A]$ C. Inversely proportional with $[A]$ D. Independent to rate constant |
| 11 | Which gas has highest molar enthalpy of combustion | A. C_2H_2 B. CH_4 C. H_2 D. CO |
| 12 | Which is amphoteric | A. H_2O B. HCl C. NaOH D. NH_3 |
| 13 | If E°_{cell} is +1.10 V, the reaction is | A. Spontaneous B. Non spontaneous C. At equilibrium D. Endothermic only |
| 14 | The metal deposited at cathode during electrolysis of NaCl is. | A. Cl_2 B. Na C. H_2 D. Cu |
| 15 | The oxidation number of sulfur in H_2SO_4 is | A. +2 B. +4 C. +6 D. - |

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| | | D. +8 |
| 16 | The conjugate base of H_2CO_3 is | <p>A. HCO_3^-</p> <p>B. CO_2</p> <p>C. CO_3^{2-}</p> <p>D. H_2CO_3</p> |
| 17 | A salt bridge is usually made from | <p>A. Metallic wires</p> <p>B. Porous glass</p> <p>C. Inert salt solution in agar agar</p> <p>D. Hydrochloric acid</p> |
| 18 | Peroxides are those in which oxidation state of oxygen is | <p>A. -1</p> <p>B. $+2$</p> <p>D. -2</p> <p>E. $-1/2$</p> |
| 19 | No two electrons in an atom have same all four quantum numbers, this is called. | <p>A. Aufbau Principle</p> <p>B. Hund's rule</p> <p>C. Pauli's excluding principle</p> <p>D. None</p> |
| 20 | Salts of weak acid + strong base are. | <p>A. Basic</p> <p>B. Acidic</p> <p>C. Amphoteric</p> <p>D. Neutral</p> |