

Chemistry Fsc Part 1 Online Test

| Sr | Questions | Answers Choice |
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| 1 | The quantitative relationship between rate and concentration is given by. | A. Law of mass action B. Rate law C. Both of these D. Le Chatelier's principle |
| 2 | Which technique is used to determine the absorption of radiations. | A. Spectrometry B. dilatometer method C. Refractometric method D. Optical rotation method |
| 3 | Which properties of liquid is measured by polarimeter | A. Conductance B. Refractive index C. Optical activity D. Change in volume |
| 4 | Dilatometer method is useful for the reactions that involve. | A. Ionic species B. Where reactant absorb U.V. visible or infrared radiations C. Small volume changes in solutions D. Change in refractive indices |
| 5 | the rate of reaction when concentration of reactants are taken unity is called. | A. Average rate B. Instantaneous rate C. Specific rate D. Rate equation |
| 6 | The unit of the rate constant is the same as that of the rate of reaction in | A. First order reaction B. Second order reaction C. Zero order reaction D. Third order reaction |
| 7 | With increases of 10 °C temperature the rate of reaction doubles. This increase in rate of reactions is due to. | A. Decrease in activation energy of reaction B. Decrease in the number of collisions between reactant molecules C. Increase in activation energy of reactants D. Increase in number of effective collisions |
| 8 | The rate of reaction | A. Increase as the reaction proceeds B. Decreases as the reaction proceeds C. Remains the same as the reactions proceeds D. May decrease or increase as the reaction proceeds |
| 9 | In zero order reaction, the rate is independent of. | A. Temperature of reaction B. Concentration of reactants C. concentration of products D. None of these |
| 10 | In silver oxide battery, anode is made of. | A. Zinc B. Copper C. Lead D. Graphite |
| 11 | Which is not chargeable cell | A. Lead accumulator B. NiCAD cell C. Fuel cell D. Alkaline battery |
| 12 | In NiCAD dry cell, the cathode and anode is made up of. | A. Ca and Ag B. Ni and CdO ₂ C. NiO ₂ and Cd D. Ag and Ag ₂ O |
| 13 | Fuel cells are mostly used in space air crafts as the source of. | A. Power only B. Drinking water C. Drinking water and power D. Fuel and drinking water |

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| 14 | Electrode of the lead storage battery are immersed in dilute H_2SO_4 which has strength by mass | B. 98% C. 30% D. 10% |
| 15 | In lead accumulator cathode is made up of. | A. Pb B. Pb coated with PbO_2 C. PbSO_4 D. Mixture of Pb and PbO_2 |
| 16 | Which is not use of electrochemical series. | A. Feasibility of reaction B. Measurement of EMF of cell C. Comparison of reactivity with water or acids D. Determination of atomic and ionic radii |
| 17 | Which has greater reduction potential | A. Na B. H_2 C. Zn D. F_2 |