

## Fsc Part 1 Chemistry MCQ's Test For Full Book

| Sr | Questions  | Answers Choice   |
|----|--|--|
| 1  | Which of the following has maximum heat capacity   | A. Water<br>B. Mercury<br>C. Ethanol<br>D. Iron  |
| 2  | The space orientation for f-subshell is.   | A. $3$<br>B. $7$<br>C. $1$<br>D. $5$   |
| 3  | Overall order is sum of  | A. Coefficients<br>B. Exponents in rate law<br>C. Moles<br>D. Products   |
| 4  | A flat curve in rate vs time graph indicate.   | A. Reaction completed<br>B. High rate<br>C. Constant rate<br>D. Temperature increase   |
| 5  | Concept of Triads was given by   | A. Mendeleev<br>B. L. Meyer<br>C. Dobereiner<br>D. Newlands  |
| 6  | A polymer used for non-stick cookware is.  | A. Teflon<br>B. Nylon<br>C. Polyvinyl chloride<br>D. Polythene   |
| 7  | Electrolysis of $\text{CuSO}_4$ using copper electrodes results in                                   | A. Increase in electrolyte concentration<br>B. Decrease in $\text{Cu}^{2+}$ concentration<br>C. No change in electrolyte composition<br>D. Formation of new compound |
| 8  | What type of reaction has a negative $\Delta H$ and $\Delta S$ ?                                     | A. Always spontaneous<br>B. Never spontaneous<br>C. Spontaneous at low temp<br>D. Spontaneous at high temp   |
| 9  | $\text{NaOH}$ is not considered a Bronsted Lowry acid because.                                       | A. It's neutral<br>B. It's not soluble<br>C. Doesn't donate $\text{H}^+$<br>D. Doesn't produce $\text{H}^+$  |
| 10 | 32 g of oxygen gas contains.   | A. $6.02 \times 10^{23}$ moles<br>B. $6.02 \times 10^{23}$ atoms<br>C. $12.4 \times 10^{23}$ molecules<br>D. $24.4 \times 10^{23}$ atoms                             |
| 11 | Subshells in an atom are filled with electrons in an increasing order of their energy values called. | A. Aufbau principle<br>B. Hund's rule<br>C. Pauli's Exclusion Principle<br>D. None   |
| 12 | The cathode in an electrolytic cell is.  | A. Positive electrode<br>B. Negative electrode<br>C. Neutral electrode<br>D. None  |
| 13 | Which scientist first time observed the periodicity in the elements.                                 | A. Dobereiner<br>B. D. Mendeleev<br>C. J. Newlands<br>D. L. Meyer  |
| 14 | In electroplating the object to be plated is connected to  | A. Anode<br>B. Cathode<br>C. Both electrodes   |

|    |  |  |
|----|--|--|
|    |  | D. Electrolyte   |
| 15 | In an energy profile, peak represents.                                   | A. Reactants<br>B. Activated complex<br>C. Products<br>D. Catalyst   |
| 16 | Which one of the following is not the applicatio of solubility products. | A. Determination of solubility from $K_{sp}$<br>B. Common ion effect<br>C. Predicting precipitation<br>D. Dissociation of bonds  |
| 17 | Untis of $K_c$ depend on   | A. Catalyst<br>B. Reaction stoichimometry<br>C. Activation energy<br>D. $\Delta H$   |
| 18 | Acidic oxides are  | A. $\langle p \rangle$ Metallic oxides $\langle /p \rangle$<br>B. $\langle p \rangle$ Non Metallic oxides $\langle /p \rangle$<br>C. $\langle p \rangle$ Metalloid oxides $\langle /p \rangle$<br>D. $\langle p \rangle$ All $\langle /p \rangle$  |
| 19 | Which of the following statemetns about ideal gases is true.             | A. $\langle p \rangle$ they have strong intermolecular forces $\langle /p \rangle$<br>B. $\langle p \rangle$ Their particles have significant volume $\langle /p \rangle$<br>C. $\langle p \rangle$ Their volume is mainly due to particle size $\langle /p \rangle$<br>D. $\langle p \rangle$ They have negligible intermolecular forces $\langle /p \rangle$ |
| 20 | Surface tension usually with interasig temperature.                      | A. $\langle p \rangle$ Increase $\langle /p \rangle$<br>B. $\langle p \rangle$ Decrease $\langle /p \rangle$<br>C. $\langle p \rangle$ Remain constant $\langle /p \rangle$<br>D. $\langle p \rangle$ Doubles $\langle /p \rangle$   |