

ECAT Chemistry Online Test

Sr	Questions	Answers Choice
1	The solid remained on filter paper during filtration is called the	A. Substance B. Residue C. Undue D. Filtrate
2	Zn does not displace Mg from MgSO ₄ solution because	A. Zn is more electropositive than Mg B. Zn is below Mg in electropositive series C. Zn is above Mg in electrochemical series D. Zn is trivalent Mg is divalent
3	Factor which slows down the rate of reaction is	A. Small size of the particles of the reactantB. High temperature of reactionC. More concentration of reactantD. Lowering the temperature
4	Aniline reacts with which of these to form Schiff base?	A. Acetic acid B. Bezaldehyde C. Acetone D. NH ₃
5	Which gas is produced by treating CaC_2 with water	A. Methane B. Ethane C. Acetylene D. HCI
6	Fe can displace Cu form CuSO4solution because	A. Fe is ferromagnetic B. Fe is below Cu in electrochemical series C. Fe is above Cu in electrochemical series D. Fe exists in divalent oxidation state
7	A complete chemical characterization of a compound must include	A. Qualitative analysisB. Chemical analysisC. Quantitative analysisD. Both a and c
8	Electrolysis is used for :	A. Manufacture of caustic soda B. Refining of copper C. Electroplating D. All of above
9	C ₆ H ₁₂ O ₆ and C ₁₂ H ₂₂ O ₁₁ are:	A. Mono-atomic molecules B. Diatomic molecules C. Poly-atomic molecules D. Heter
10	A peptide having molecular mass upto 10,000 is called a	A. Vitamin B. Protein C. Polypeptide D. Dipetide
11	Cotton is an example of	A. Animal fibre B. Mineral fibre C. Vegetable fibre D. Synthetic fibre
12	Question Image	A. Zero B. 253 sec C. 150 sec D. 500 sec

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13	Heat of neutralization of weak acid and a strong base is	A. 13.7 Kcal B. Less than 13.7 Kcal C. Greater than 13.7 Kcal D. None of these
14	The metal present in blood is	A. Al B. Hg C. Cu D. Fe
15	The number of groups in the periodic table is	A. 6 B. 7 C. 8 D. 9
16	Formic acid is given names from Latin word a "formic" which means:	A. Red out B. Vinegar C. butter D. Milk
17	A single benzene ring can have ortho position maximally	A. One B. Two C. Three D. Four
18	Which element has highest oxidation potential	A. Li B. Be C. Ba D. Ra
19	Hydrolytic reaction of fats by causic soda is known as	A. Acetylation B. Carboxylation C. Esterification D. Saponification
20	Which of the following isoelectronic ions has the lowest ionization energy?	A. K ⁺ B. Ca ²⁺ C. Cl ⁻ D. S ²⁻