

ECAT Chemistry Online Test

| Sr | Questions | Answers Choice |
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| 1 | Cotton is _____% cellulose | A. 90 B. 100 C. 99 D. 30 |
| 2 | Polysaccharides are also called | A. Crystals B. Sugars C. Liquids D. None sugars |
| 3 | Iodine value of an oil or fat may be defined as | A. The number of grams of iodine taken up by 1 g of the oil or fat B. The number of grams of iodine taken by 10 g of the oil or fat C. The number of grams of iodine taken by 100 g of the oil or fat D. None of the above |
| 4 | Which of the following brings about the conversion of starch into maltose | A. Maltase B. Zymase C. Diatase D. Invertase |
| 5 | Which one of the following is the most abundant organic substance found in nature | A. Fructose B. Starch C. Glucose D. Cellulose |
| 6 | Which of the following statements is incorrect about vitamins | A. Often function as coenzymes B. Molecules contain at least one ring structure C. Are often synthesized by the body D. Are polyfunctional compounds |
| 7 | Protein are classified into | A. Simple protein B. Complex protein C. Derived proteins D. All of these |
| 8 | The three dimensional folding and twisting of a polypeptide chain give rise to | A. Primary structure B. Secondary structure C. Tertiary structure D. All of these tertiary |
| 9 | Which of the following is a steroid | A. Vitamin A B. Vitamin B C. Vitamin C D. Vitamin D |
| 10 | Activity of the enzyme is reduced by | A. Temperature B. Concentration C. pH D. Inhibitors |
| 11 | The substance upon which an enzyme acts is known as its | A. Domain B. Field C. Substrate D. Reactant |
| 12 | For every reaction occurring in the body there is at least one type of | A. Enzyme B. Vitamin C. Protein D. Amino acid |
| 13 | Glycogen is stored in | A. Animals B. Plants C. Soil D. None of these |
| 14 | The development of disagreeable odor in fats or oil is called | A. Fragrance B. Perfume C. Rancidity D. Smell |

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| 15 | The degree of unsaturation in fats or oils is usually measured by numbers of grams of iodine required by 100 grmas of fat, this is called | A. Oil number B. Saturation number C. Iodine number D. Un saturation number |
| 16 | Enzymes are catalysts which contain other than carbon and hydrogen one other element | A. Oxygen B. Sulphur C. Phosphorus D. Iodine |
| 17 | Monosaccharides and oligosacchradies are generally called as | A. Crystals B. Sugars C. Liquids D. Non-sugars |
| 18 | The reaction between fat and NaOH is called | A. Esterification B. Hydrogenolysis C. Fermentation D. Saponification |
| 19 | Which one of the following enzymes brings about the hydrolysis of fats | A. Urease B. Maltase C. Zymase D. Lypase |
| 20 | Which one of the following is a water soluble vitamin | A. Niacin B. Riboflavin C. Tyrosine D. Ascorbic acid |
| 21 | Which one of the following elements is not present in all proteins | A. Carbon B. Hydrogen C. Nitrogen D. Sulphur |
| 22 | Vegetable oils are | A. Unsaturated fatty acids B. Glycerides of unsaturated fatty acids C. Glycerides of saturated fatty acids D. Essential oils obtained from plants |
| 23 | A polymeric substance that is formed in the liquid state and then hardened to a rigid solid is called a | A. Fibre B. Plastic C. Varnish D. Polyamide resin |
| 24 | A fibre which is made from acrylonitrile as monomer | A. PVC B. Rayon fibre C. Acrylic fibre D. Polyester fibre |
| 25 | Plastics are a pollution problem because many plastics | A. Are made from petroleum B. Are very inflammable C. Burn to produce toxic fumes D. Decompose to produce toxic products |
| 26 | Which of these polymers is a synthetic polymer | A. Animal fat B. Starch C. Cellulose D. Polyester |
| 27 | Which of these polymers is an addition polymer | A. Nylon 6,6 B. Polystyrene C. Terylene D. Epoxy resin |
| 28 | The polymers which can not be re-softened again and again are called | A. Thermoplastic B. Thermosetting C. Both a and b D. None |
| 29 | Which is not a steroid | A. Cholesterol B. Ergosterol C. Phospholipids D. None of these |
| 30 | A fat or oil is characterised for extent of unsaturation by one of the following number, which one | A. Rancidity number B. Acid number C. Iodine number D. Saponification number |