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Biology Vocabulary

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| **Across**  **2.** Is an inorganic chemical and a salt of phosphoric acid  **4.** Is a multibranched polysaccharide of glucose that serves as a form of energy storage in animals and fungi  **7.**  macromolecular biological catalysts  **9.** A membrane bound structure that contains the cell's hereditary information and controls the cell's growth and reproduction  **10.** An element with an atomic weight of 15.96  **16.** is a chemical bond formed between two molecules when the carboxyl group of one molecule reacts with the amino group  **18.** Deoxyribonucleic acid  **19.** The main source of energy for animals  **20.** are organic molecules that serve as the monomers or sub units, of nucleic acids like DNA  **21.** incapable of being dissolved  **22.** Is a test that measures the amount of a sugar in your blood  **25.** comprise a group of naturally occurring molecules that include fats, waxes, sterols, fat-soluble vitamins  **26.** Something that results in high blood prssure  **27.**  is a large molecule, or macromolecule, composed of many repeated subunits  **28.** Sugars, Pasta, One basic food for a healthy leaving  **29.** Glucose is one of the products of photosynthesis in plants and other photosynthetic organisms  **30.** A lipid containing phospho in a group of molecule | **Down**  **1.** A molecule of the kind normally found in living systems  **3.** containing molecule that has the same chemical properties as a base  **5.** Any molecule that is present a living organins  **6.**  red protein responsible for transporting oxygen in the blood of vertebrates  **8.** consist of either one or two long chains of repeating units called nucleotideswhich consist of a nitrogen base  **11.** A group of any of those occurring as esters in fats and oils.  **12.** a clear colourless viscous sweet-tasting liquid belonging to the alcohol family of organic compounds  **13.** biologically important organic compounds containing amine and carboxylic acid functional groups, along with a side-chain specific to each amino acid.  **14.** A molecule that may react chemically to another molecule of the same type to form a larger molecule  **15.** s a hormone that lowers the level of glucose in t he blood  **17.** The act of separating a body from others by nonconductors so as to prevent the transfer of electricity or of heat also the state of a body so separated  **23.** a substance that increases the rate of a chemical reaction without itself undergoing any permanent chemical change.  **24.** An organic compound with the formula n |