Organic Chemistry

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| **Across**  **4.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is when the double bond between carbon atoms changes to a single bond and the monomer molecules join together  **5.** Alcohol is the fermentation of \_\_\_\_\_\_\_\_\_  **9.** \_\_\_\_\_\_\_\_\_\_ are large molecules built up from small units (monomers)  **11.** Proteins are made up of 20 \_\_\_\_\_\_\_\_\_\_  **13.** Carboxylic acids react with alcohols to form water and \_\_\_\_\_\_\_\_\_\_  **14.** CnH2n is the genral formula for \_\_\_\_\_\_\_\_\_  **15.** \_\_\_\_\_\_ acids give off many H+  **18.** An Acid + a Base is a \_\_\_\_\_\_\_\_\_\_ reaction  **19.** \_\_\_\_\_\_\_\_\_ is used to break down long-chained alkanes to shorter-chained alkanes and alkenes  **20.** A \_\_\_\_\_\_\_\_\_\_\_\_ reaction is hwere the monomers join to form a polymer and water | **Down**  **1.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a group of organic compounds with the same functional group and similiar properties  **2.** COOH is the functional group for \_\_\_\_\_\_\_\_\_  **3.** Petrolium is separated into fractions by \_\_\_\_\_\_\_\_\_\_\_\_  **6.** \_\_\_\_\_\_\_\_\_\_ hydrocarbons decolourise bromine water.  **7.** \_\_\_\_\_\_\_\_\_\_\_\_ contain olny Carbon and Hydrogen  **8.** Carboxylic acid is the \_\_\_\_\_\_\_\_\_\_\_\_\_ of Alcohol  **10.** Alkanes have a \_\_\_\_\_\_\_\_\_ bond  **12.** CnH2n+2 is the general formula for \_\_\_\_\_\_\_\_\_\_  **16.** -OH is the functional group for \_\_\_\_\_\_\_\_\_\_\_\_\_  **17.** To crack alkanes it needs to be very \_\_\_\_\_\_\_\_ |