AP Biology Unit 1 Test

water - correct answer-polar molecule -polar colvalent bonds -oxygen end is partial negative and the hydrogens have a partially positive end -cohesive polar covalent bonds - correct answer-opposite ends of the molecule have opposite charges cohesion - correct answer-H bonding between H2O creates it (sticky) -allows for the movement of water against gravity -high surface tension -water moves up a tree by transpiration (helped by _____) adhesion - correct answer-H2O molecules form H bonds with other substances ~capillary action mmeniscus. ~water climbs up fiber solvent - correct answer-water is the universal one -polar water molecules will surround the (+) and (-) ions causing the ions to separate and dissolve -dissolve solutes and create aqueous solutions hydrophilic - correct answer-some molecules have an affinity for water -polar and ionic molecules -ex: cotton, cellulose, paper

hydrophobic - correct answer-some substances do not have an affinity for water

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Who's Who Marquis, Marquis Who's Who



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