

## LIFE IN THE UNIVERSE — AST 07

### HW #04

**Complete sentences, no txt spelling in Ur wrk! :)**

**Include your name and 2-digit ID#.**

**Due at the beginning of the next class.**

**Machine-printed only; no email, no handwritten.**

Note: for the first four questions, make sure you note the specific important roles that the molecules play in cellular function. There are many roles, *so stick with the ones mentioned in our text.*

Q1: Briefly describe the class of cellular molecule called *carbohydrates*.

(Bio-geeks note: consider specifically monosaccharides and disaccharides, *not* polysaccharides.)

Q2: Briefly describe the class of cellular molecule called *lipids*.

(Bio-geeks note: consider specifically phospholipids.)

Q3: Briefly describe the class of cellular molecule called *proteins*.

Q4: Briefly describe the class of cellular molecule called *nucleic acids*.

Q5: What are the three domains of life?

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