Name: __________________________

Quiz 1
Physics 105
6 September 2002

• 1. What happened to the air in the balloon that was placed in liquid nitrogen?
The air in the balloon condensed into a puddle of liquid the size of a quarter and the balloon completely collapsed.

• 2. Mars appearing to change its direction of motion with respect to the fixed stars is called:
   (a) reversal
   ⇒ (b) retrograde motion
   (c) the epicycle
   (d) the 8-minute gap

• 3. Which list is in increasing order of size?
   (a) atom, molecule, galaxy, solar system
   (b) galaxy, solar system, atom, molecule
   ⇒ (c) atom, molecule, solar system, galaxy
   (d) molecule, atom, solar system, galaxy

• 4. Who first proposed that planets travel in ellipses around the sun?
   (a) Copernicus
   (b) Ptolemy
   ⇒ (c) Kepler
   (d) Newton