The Motions of the Planets  
Sample Quiz

1) Ptolemy’s universe focused on
   a) The Earth being at the center of the universe  
   b) The Sun being at the center of the universe  
   c) The Moon being at the center of the universe  
   d) Nothing being at the center of the universe

2) Retrograde motion refers to
   a) The rising and setting of the planets  
   b) The rising and setting of the stars  
   c) The apparent motion of the planets across the sky  
   d) The apparent motion of the stars across the sky

3) The first person to methodically use a telescope for astronomy was
   a) Copernicus  
   b) Kepler  
   c) Newton  
   d) Galileo

4) Newton’s three laws of motion explained the motion of
   a) Only the planets  
   b) All objects  
   c) Only the motion of the Earth around the Sun  
   d) Only objects that were at rest

5) What would happen if the gravitational attraction between the Earth and the Sun suddenly went away?
   a) The Sun would burn out  
   b) The Earth would stop moving  
   c) The Moon would fall toward the Earth  
   d) The Earth would fly off into space

KEY: 1=a, 2=c, 3=d, 4=b, 5=d