Color Sensor Pre-Quiz Answer Key

1. **How do humans sense light?**
   
   Humans have two eyes that collect light that falls on objects in front of them, and helps them to “see” the objects.

2. **Provide an example “stimulus-sensor-coordinator-effector-response” framework using human eyes as the color sensor.**

   *Example:* sight of a scary object such as a wasp > two eyes > signals to human brain via nerves > signal to leg muscles > run to safety

3. **Give some examples of color sensors in engineering systems.**

   *Examples:* cameras; sensors that turn lights on when it gets dark; porch lights, streetlights and car headlights that turn on automatically in low light or at night