**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.**

1. **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**

1. **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**