IT Fundamentals Guided Notes (ANSWER KEY)

Lesson 2.6.2 - IoT Devices

1. What does IoT stand for and what is it?   .

IoT stands for internet of things. IoT is the network of physical objects that are embedded with software, sensors, etc. for the purpose of connecting and exchanging data over the Internet

2. Some IoT devices are referred to as "smart" devices, e.g. smart phones. Why don't we label intelligent cars as "smart"?

A brand of car is called Smart, short for Swatch Mercedes ART

3. What different categories fall under the IoT name?

Answers can vary; Home appliances, home automation devices, streaming media devices, medical devices, etc.

4. What are some advantages and disadvantages to IoT devices over their "non-smart" counterparts?

Smart devices are typically more convenient to use and can be updated to provide additional features/ fix prior flaws. However, smart devices may lose functionality if internet connection is lost and may be susceptible to malicious attacks.

5. What is an IP camera?

A type of digital security camera that receives and sends video footage via an IP network

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