

Name \_\_\_\_\_ Date \_\_\_\_\_ Points /500  
ECT-Mrs. Harris

## **ECT Final Review Practice**

### **Assignments for Friday, May 5, 2017**

Directions:: Students you are to do this assignment to replace 3 of your Micro-type assignments

Assignment 1: type this story "Real World Robots" as an MLA report with page header. Save as Rlwrlldrob5.5.17

When you think of a robot, do you envision a shiny, metallic device having the same general shape as a human being, performing humanlike functions, and responding to your questions in a monotone voice accentuated by high-pitched tones and beeps? This is the way many of us imagine a robot, but in the real world a robot is not humanoid at all. Instead a robot often is a voiceless, box-shaped machine that efficiently carries out repetitive or dangerous functions usually performed by humans. Today's robot is more than an automatic machine that performs one task again and again. A modern robot is programmed with varying degrees of artificial intelligence—that is, a robot contains a computer program that tells it how to perform tasks associated with human intelligence, such as reasoning, drawing conclusions, and learning from past experience.

A robot does not possess a human shape for the simple reason that a two-legged robot has great difficulty remaining balanced. A robot does, however, move from place to place on wheels and axles that roll and rotate. A robot even has limbs that swivel and move in combination with joints and motors. To find its way in its surroundings, a robot utilizes various built-in sensors. Antennae attached to the robot's base detect anything they bump into. If the robot starts to teeter as it moves on an incline, a gyroscope or a pendulum inside it senses the vertical differential. To determine its distance from an object and how quickly it will reach the object, the robot bounces beams of laser light and ultrasonic sound waves off obstructions in its path. These and other sensors constantly feed information to the computer, which then analyzes the information and corrects or adjusts the robot's actions. As science and technology advance, the robot too will progress in its functions and use of artificial-intelligence programs.

**Assignment 2: Type the information below as a three column table on Microsoft Word. Save as top Apr.vdgame5.5.17**

**Here is the full Top 10 of April 2015:**

1. Mortal Kombat X (PS4, Xbox One)\*\*
2. Grand Theft Auto V (PS4, Xbox One, PC, 360, PS3)\*\*
3. Battlefield: Hardline (Xbox One, PS4, 360, PS3, PC)
4. MLB 15: The Show (PS4, PS3)
5. Mine craft (360, PS3, Xbox One, PS4)
6. NBA 2K15 (Xbox One, PS4, 360, PS3, PC)\*\*
7. Call of Duty: Advanced Warfare (Xbox One, PS4, 360, PS3, PC)\*\*
8. Dark Souls II: Scholar of the First Sin (PS4, Xbox One, 360, PS3)
9. Super Smash Bros. (3DS, Wii U)\*\*
10. Borderlands: The Handsome Collection (PS4, Xbox One)\*