**ELT 1010 - Test 2 - Electronics**

**1. Electricity flows because of**

1. Differences in amperage
2. Differences in voltage
3. Differences in potential charge
4. Electrical repulsion

**2. The difference between conductive and semi-conductive material is**

1. Diameter
2. Resistance
3. Magnetic Potential
4. Heat dissipation

**3. What does this symbol mean in electrical diagrams?**



1. A battery
2. A resistor
3. A capacitor
4. A charge

**4. A parallel circuit has**

1. More than one battery
2. Two routes for electricity
3. Batteries put together
4. Multiple routes for electricity

**5. Voltage is**

1. The electrical potential difference
2. Flow of electric charge
3. Amount of electricity
4. Ability to store electrical charge

**6. Capacitance is**

1. The electrical potential difference
2. Flow of electric charge
3. Ability to store electrical charge
4. Amount of electricity

**7. Resistors are made of**

1. Non-conductive material
2. Insulated metals
3. Heat-treated metals
4. Semi-conductors

**8. Direct Current is different from Alternating current because**

1. The current goes farther in wires
2. The voltage is consistent
3. It is worse for electrical components
4. It can pulsate infrequently

**9. The difference between a processor and micro-controller is**

1. Its ability to perform any action given
2. Its ability to perform actions
3. Its ability to take input
4. Its ability to create output

**10. The larger a wire's gauge is,**

1. The smaller its diameter is
2. The larger its diameter is
3. The smaller its electrical potential is
4. The larger its electrical potential is