**Microprocessor Lab**

Laboratory Activity No. 1

**Familiarization with TinkerCAD**

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Score

*Submitted by:*

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**S 10:00AM – 11:30AM / 412.1-1**

*Date Submitted*

**DD-MM-YYYY**

*Submitted to:*

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1. Exercise

a. A process in Tinkercad where we can develop electronic circuits that can be quickly updated, modified, and tested is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

b. In Tinkercad, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ tests the working of the circuits and the components.

c. The device used to assemble and connect the various components is known as breadboard.

d. In an electronic circuit with LED, the positive end of the circuit should be connected to

\_\_\_\_\_\_\_\_\_\_\_ and negative end should be connected to cathode of the LED.

e. A resistor is used to restrict the flow of current to electrical components.

2. Label the following:



1. Anode and Cathode in a LED
2. Different parts of breadboard



1. List the electronic components used in a circuit assembly.