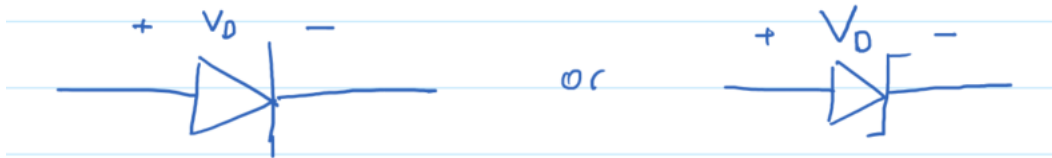
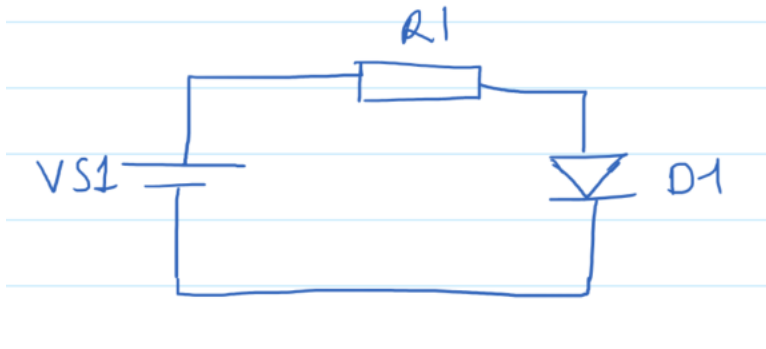


EE232.1/2032.1 - LAB EXPERIMENT 2 - QUIZ



1. Q: If the voltage across a diode (V_D) is known to be negative, which of the following may be TRUE?

- a. The diode is forward biased.
- b. **The diode is reverse biased.**
- c. The diode is in break-down region.



2. Q: For the given circuit, what is going to be the relation between resistor $R1$ and diode $D1$.

- a. The resistor draws power from the diode.
- b. **The current of the resistor is equal to the current of the diode.**
- c. The diode increases the voltage across the resistor.
- ç. There is no relationship between them.

3. Q: What is the main purpose of using zener diodes?

- a. To protect a circuit from reverse currents
- b. To emit green light
- c. **To obtain a constant voltage**

4. Q: Is the following statement true or false? "Under forward biasing, a zener diode acts like a normal diode."

- a. **true**
- b. false