

Electronics – Fall Semester – 2021/2022

Home My courses Electronics - Fall - 2021/2022 General Quiz_2_Makeup

Question 1

Not yet answered
Marked out of 2.000
Flag question

To reverse-bias a diode,

Select one:

- ☒ a. an external voltage source's negative terminal is connected at the anode and positive terminal at the cathode
- ☐ b. an external voltage source's positive terminal is connected at the anode and negative terminal at the cathode
- ☐ c. an external voltage source's positive terminal is connected at the p region and the positive terminal at the n region
- ☐ d. an external voltage source's positive terminal is connected at the p region and the negative terminal at the n region

Question 2

Not yet answered
Marked out of 2.000
Flag question

A bipolar transistor utilizes holes and electrons in the injection or charge flow process

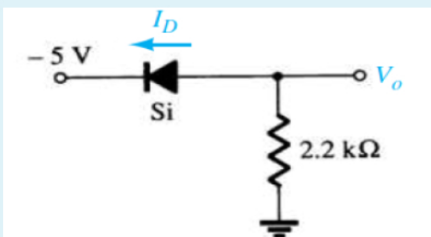
Select one:

- ☒ True
- ☐ False

Question 3

Not yet answered
Marked out of 2.000
Flag question

In the following figure, the value of the V_o is:



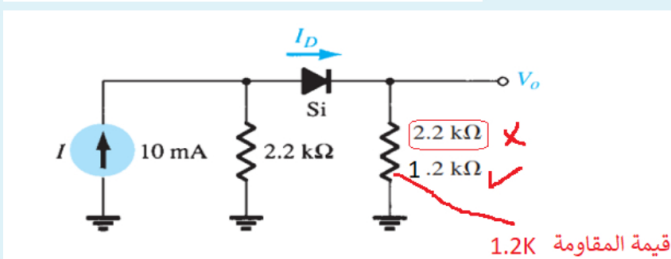
Select one:

- ☐ a. $V_o = 8.3 \text{ V}$
- ☐ b. $V_o = 2.3 \text{ V}$
- ☒ c. $V_o = -4.3 \text{ V}$
- ☐ d. $V_o = 3.3 \text{ V}$

Question 4

Not yet answered
Marked out of 2.000
Flag question

In the following figure, the value of V_o is:



Select one:

- ☒ a. 7.3 V

Quiz navigation



[Finish attempt ...](#)

Time left 0:06:38

- ☐ b. 4.5 V
- ☐ c. 3.5 V
- ☐ d. 5.81 V

Question 5

Not yet answered

Marked out of 2.000

Flag question

In forward bias external voltage is applied across the p-n junction in the same polarity of the p- and n-type materials.

Select one:

- ☒ True
- ☐ False

Finish attempt ...

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