

Zener Diode Viva Questions With Answers

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Zener Diode Viva Questions With

ZENER DIODE LAB VIVA Questions :-1. What is a zener diode? Zener diode is a p-n junction diode specially designed for operation in the breakdown region in reverse bias condition. 2. Define what is zener voltage? The voltage at which the zener diode breaks down is called the zener voltage. 3. What is meant by the temperature coefficient?

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Zener Diode Characteristics Experiment Questions: Draw the reverse characteristics of zener diode and determine its break down voltage. Viva Questions: 1.What are break down diodes or zener diodes? Diodes which are designed with adequate power dissipation capabilities to operate in the break down region are called as break down or zener diodes.

Exp No:1 Diode characteristics Experiment Questions: Viva ...

3.3v zener diode voltage regulator Analog electronics basic zener diode voltage regulator designing a zener diode voltage regulator Electronic Basics how does a zener diode voltage regulator work Indication of faulty or wrong zener make zener diode voltage regulator Open zener diode with no load Troubleshooting Zener Diode Voltage Regulator voltage regulator vs zener diode why is zener diode ...

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Viva Voce. Resources. Feedback. 1) The value of reverse current after the zener breakdown is called? Direct current. Reverse current. Forward current. ... What is true about the breakdown voltage in a Zener diode? It equals the electric current times the resistance. It is approximately constant. It destroys the diode.

Zener Diode (Viva Voce) : Class 12 : Physics : Amrita ...

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Semiconductor and Zener Diode viva Questions 2019_0000 00000 00000 000000_Physics Practical

SAMPLE VIVA QUESTIONS 1. What is the basic principle of Zener diode? Zener breakdown 2. What is Zener break down? When a diode is heavily doped, its depletion region will be narrow. When a high reverse voltage is applied across the junction, there will be very strong electric field at the junction. And the electron hole pair generation ...

ZENER DIODE VOLTAGE REGULATOR - Electronic Circuits and ...

Viva Questions: 1. What is the difference between p-n Junction diode and zener diode? Ans: A zener is designed to operate stably in reverse breakdown, which is designed to be at a low voltage, between 3 volts and 200 volts. The breakdown voltage is specified as a voltage with a tolerance, such as 10 volts $\pm 5\%$, which means the breakdown voltage (or operating voltage) will be between 9.5 volts ...

Electronic Devices and Circuits Lab Notes: Zener Diode ...

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VIVA VOCE QUESTIONS - SEMICONDUCTORS Q.1.What is a semiconductor ? Ans. It is a substance

with conduction properties between metals and insulators. ... The reverse breakdown voltage of zener diode is called zener voltage. Q.20. Give an application of zener diode ? Ans. It is used as a voltage regulator.

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