

11. PN junction failure below 5 V is caused primarily by

- A. Avalanche breakdown
- B. Zener breakdown
- C. Either of (a) and (b) above
- D. None of the above

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B.Zener breakdown

 Your Comments

12. As a PN junction is forward biased

- A. Holes as well as electrons tend to drift away from the junction
- B. The depletion region decreases
- C. The barrier tends to breakdown
- D. None of the above

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B.The depletion region decreases

 Your Comments

13. In a reverse biased PN junction, the current through the junction increases abruptly at

- A. 0.5 V
- B. 1.1 V
- C. 0.72 V
- D. Breakdown voltage

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D.Breakdown voltage

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**14.** The main reason why electrons can tunnel through a PN junction is that

- A. Barrier potential is very low
- B. They have high energy
- C. Impurity level is low
- D. Depletion layer is extremely thin

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D. Depletion layer is extremely thin

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**15.** A PN junction is formed in a process which may be of

- A. Diffused type
- B. Alloyed type
- C. The grown type
- D. Any of the above

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D. Any of the above