

Electronic Devices and Circuits

Important 2mark questions

1. What is an extrinsic semiconductor? Name the types of semiconductor.
2. Draw the circuit of self bias circuit.
3. What is a filter? List the types of filter.
4. Name the types of negative feedback.
5. What is an oscillator? Name any two types of oscillator.
6. Draw the equivalent circuit of UJT.
7. Draw the symbol of MOSFET (P channel and N channel).
8. What is a solar cell? Draw the symbol of solar cell.
9. Define drift current and diffusion current.
10. State the merits of fixed bias.
11. What are the applications of FET?
12. What are the different regions in the characteristics of UJT?
13. Define holding current.
14. Draw the symbol and characteristics curve of LDR.
15. What are the applications of MOSFET?

Important 3mark questions

1. Draw the characteristics curve of zener diode and explain.
2. Compare CB, CE and CC configuration.
3. What are the applications of SCR?
4. Compare LCD and LED.
5. Compare a transistor with SCR.
6. Explain drift and diffusion current in PN junction.
7. List the classification of amplifiers.
8. Name the classification of FET.
9. Expand LED, LDR. Draw the symbol of them.
10. Draw the circuit of Schmitt trigger using transistor.