Basics of Electrical & Electronics Engineering
Important 2 Mark questions

1. Define peak value and average value.
2. Define the current ratio of a transformer.
3. State the need of fuses.
4. What is meant by toggling in flip-flops?
5. What are the two types of transistors? Draw their symbols.
6. State the units of current and power.
7. What is transformer?
8. Mention the applications of zener diode.
9. Define full adder.
10. Define ripple factor.
11. What is meant by UPS?
12. State the applications of diode.
13. Define redundant groups.
14. Define edge triggered flip flop.
15. Define Avalanche breakdown.

Important 3 Mark questions

1. What are the differences between AC and DC?
2. Explain parity bit and its use.
3. Draw the circuit diagram of a fullwave rectifier.
4. Give the applications of servo motor.
5. Write short notes on capacitor filters.
6. Explain mod 3 counter.
7. Draw the logic diagram of half subtractor and writes its truth table.
8. Draw and explain the illumination characteristics of LED.
9. Explain SR flip-flop.
10. State the indications of fully charged cell.