

**Q10.** Which of the following is an appropriate characteristic of SRAM compared to DRAM?

Here, SRAM and DRAM are compared in products manufactured in the same or similar semiconductor geometric process.

- a) SRAM consumes more power, particularly when idle, compared to DRAM.
- b) SRAM is non-volatile, whereas DRAM is volatile.
- c) SRAM needs to be refreshed, whereas DRAM does not.
- d) SRAM uses more transistors in a memory cell compared to DRAM.

**Q23.** Which of the following is an appropriate description of flash memory?

- a) All its contents can be erased at once with ultraviolet rays.
- b) Data can be electronically erased in block units.
- c) It can be rewritten at a high speed and is used for the cache memory of a CPU.
- d) It needs to rewrite data periodically.

**Q22.** Which of the following is a sequential circuit that has two (2) stable states?

- a) Adder circuit
- b) Capacitor
- c) Flip-flop
- d) NAND gate