

1. Which of the following is the most popular family of SSI and MSI?

- (A) CMOS
- (B) ECL
- (C) TTL
- (D) DTL

Ans: C

TTL

2. Which logic gate used in electric motors on-off, control circuit, high voltage switch?

- (A) CMOS
- (B) RTL
- (C) DTL
- (D) HTL

Ans: D

HTL

3. Analog systems are different from digital systems because

- (A) They are slow
- (B) They handle information in digital form
- (C) They handle information in analog form
- (D) They use transistors

Ans: C

They handle information in analog form

4. Which logic family dissipates the minimum power?

- (A) CMOS
- (B) ECL
- (C) TTL
- (D) DTL

Ans: A

CMOS

5. What should be added so that an LS TTL gate can drive a CMOS gate operating from the supply?

(A) A capacitor of high value

(B) A small transformer

(C) Pull up transistor

(D) Pull down transistor

Ans: C

Pull up transistor

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