

Digital Electronics Questions and Answers Pdf

1. The voltage levels for positive logic system
 - a. must necessarily be positive
 - b. must necessarily be negative
 - c. may be positive or negative
 - d. must necessarily be 0 V and 5 V

Ans: C

2. A device which converts 2421 code into 8421 code is called
 - a. Code converter
 - b. Code decoder
 - c. Coder encoder
 - d. Coder

AAns: A

3. Which TTL logic gate is used for wired AND ing?
 - a. ECL gates
 - b. Open collector output
 - c. Tristate output
 - d. Totem pole

Ans: B

4. CMOS circuits are extensively used for ON-chip computers mainly because of their extremely
 - a. high noise immunity
 - b. low cost
 - c. large packing density
 - d. low power consumption

Ans: D

5. Which of the following memory system cannot be accessed randomly?
 - a. ROM
 - b. EPROM

- c. DRAM
- d. Magnetic tape

Ans: D

6. 1 Kilo bits are equal to

- a. 1000 bits
- b. 1024 bits
- c. 1012 bits
- d. 1008 bits

Ans: B

7. Complement of NOR and OR gate is _____ and _____ respectively.

- a. AND, NAND
- b. NAND, AND
- c. OR, NOR
- d. NOR, OR

Ans: C

8. AND operation is equivalent to

- a. Division
- b. Union
- c. Intersection
- d. Both b and c

Ans: C

9. Latches are _____ circuits.

- a. Edge triggered
- b. Level triggered
- c. Pulse triggered
- d. Count triggered

Ans: B

10. Why encoder is used in the digital electronics?

- a. To convert non coded information into coded form

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- b. To convert coded information into non coded form
- c. It is used to separate address bus and data bus
- d. None of the above

Ans: A

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