

## QUIZ – ANSWER KEY

QUIZ NO: 118

TOPIC: ELECTRICAL ENGINEERING

DATE: 27/10/2022

1. Which of these number systems has a base of 16 ?

- [A] Decimal
- [B] Binary
- [C] Hexadecimal
- [D] Octal

**Answer: C**

2. A Silicon Controlled Rectifier (SCR) is a device with ?

- [A] 4 junctions
- [B] 3 junctions
- [C] 2 junctions
- [D] 1 junction

**Answer: B**

3. Which of these semiconductor devices isn't a current triggering device?

- [A] MOSFET
- [B] TRIAC

Join our social media



## QUIZ – ANSWER KEY

[C] Thyristor

[D] GTO

**Answer: A**

4. The addition of these binary numbers 101001+ 010011 would generate ?

[A] 101110

[B] 000111

[C] 111100

[D] 010100

**Answer: C**

5. A JK flip-flop in the toggle mode has ?

[A] K = 1 and J = 1

[B] K = 1 and J = 0

[C] K = 0 and J = 1

[D] K = 0 and J = 0

**Answer: A**

6. \_\_\_\_\_ is a digital circuit that is capable of storing only a single bit ?

[A] Flip-flop

[B] NOR gate

[C] XOR gate

[D] Register

**Answer: A**

Join our social media



## QUIZ – ANSWER KEY

7. The DeMorgan's Law would state that ?

- [A]  $(AB)' = A + B$
- [B]  $(A+B)' = A'*B$
- [C]  $(AB)' = A' + B$
- [D]  $(AB)' = A' + B'$

**Answer: D**

8. A logical sum of multiple logical products is called as ?

- [A] NAND operation
- [B] OR operation
- [C] POS
- [D] SOP

**Answer: D**

9. Which of these devices is used in controlling the speed of a DC motor?

- [A] PNP transistor
- [B] NPN transistor
- [C] SCR
- [D] FET

**Answer: C**

10. The logic gating function in DTL is performed by ?

- [A] Diode
- [B] Inductor
- [C] Transformer
- [D] Transistor

**Answer: A**

Join our social media



## QUIZ – ANSWER KEY



Join our social media

