

## QUIZ – ANSWER KEY

QUIZ NO: 73

TOPIC: ELECTRICAL ENGINEERING

DATE: 05/05/2022

1. Batteries are generally connected in

- [A] Series
- [B] Parallel
- [C] Either Series or Parallel
- [D] Neither Series nor Parallel

**Answer: A**

2. What is the value of current if a 50C charge flows in a conductor over a period of 5 seconds?

- [A] 5 A
- [B] 10 A
- [C] 15 A
- [D] 20 A

**Answer: B**

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3. If there are three 10V sources connected in parallel, then on source transformation

- [A] The effect of all sources is considered
- [B] The effect of none of the source is considered
- [C] The effect of only two sources is considered
- [D] The effect of only one source is considered

**Answer: D**

4. RC coupling is used for \_\_\_\_\_ amplification

- [A] Voltage
- [B] Current
- [C] Power
- [D] None of the above

**Answer: A**

5. Class A power amplifier uses \_\_\_\_

- [A] Two transistors
- [B] Three transistors
- [C] One transistor
- [D] None of these

**Answer: C**

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6. Darlington amplifier is an emitter follower

[A] True

[B] False

**Answer: A**

7. During the Blocked Rotor Test, the wattmeter reading will be \_\_\_\_\_

[A] Stator Copper loss

[B] Stator core loss

[C] Rotor core loss

[D] None of these

**Answer: A**

8. Which of the following motor will have relatively higher power factor?

[A] Capacitor start motor

[B] Shaded pole motor

[C] Capacitor run motor

[D] Split phase motor

**Answer: C**

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9. What is the special feature of single phase induction motor?

- [A] high starting torque
- [B] low starting torque
- [C] average starting torque
- [D] zero starting torque

**Answer: D**

10. What are the disadvantages of the low rated secondary current transformer?

- [A] High cost
- [B] High voltages
- [C] High voltages or high cost
- [D] High voltages and high cost

**Answer: D**

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