

## QUIZ – ANSWER KEY

### QUIZ 44

#### TOPIC: ELECTRICAL ENGINEERING

1. Rotor of a normal repulsion motor is similar to that of .....

- [A] Squirrel cage motor
- [B] Shaded pole motor
- [C] Slip ring induction motor
- [D] DC motor

**Answer: D**

2. If power factor of a circuit is unity, its reactive power is .....

- [A] Zero
- [B] Unity
- [C] Maximum
- [D] Minimum

**Answer: A**

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3. The earth conductor provides a path to ground for .....

- [A] Over current
- [B] Leakage current
- [C] High voltage
- [D] Circuit current

**Answer: B**

4. Potential difference that causes the breakdown of insulation is called as .....

- [A] Breakdown voltage
- [B] Dielectric strength
- [C] Insulating resistance
- [D] Ampere capacity

**Answer: A**

5. A lead acid cell should not be discharged below ..... volt

- [A] 2.3
- [B] 1.8
- [C] 2
- [D] 2.15

**Answer: B**

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6. Which motor would you select as a drive for a clock?

- [A] Single phase synchronous motor
- [B] DC series motor
- [C] Single phase capacitor start motor
- [D] Single phase induction motor

**Answer: A**

7. ELCBs are specially used to disconnect the supply in ..... condition

- [A] Ground or earth
- [B] Short circuited
- [C] Open circuited
- [D] Overload

**Answer: A**

8. In a 3 phase 4 wire system the neutral current at balanced load is.....

- [A] Zero
- [B] High
- [C] Low
- [D] Any value

**Answer: A**

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9. The temperature regulating component on an automatic iron is \_\_\_\_\_

[A] Heating element

[B] Pressure plate

[C] Sole plate

[D] Thermostat

**Answer: D**

10. What is the advantage of twin tube connection?

[A] Less power is consumed

[B] Stroboscopic effect is eliminated

[C] More light than single tube

[D] Efficiency can be increased

**Answer: B**

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