

QUIZ – ANSWER KEY

QUIZ NO: 70

TOPIC: ELECTRICAL ENGINEERING

DATE: 26/04/2022

1. High Rate Discharge Tester is used to measure

- [A] Voltage of lead acid cell
- [B] Voltage of generator
- [C] Voltage of transformer
- [D] Leakage current of transformer

Answer: A

2. A shunt motor can be started with _____

- [A] Three-point starter
- [B] Autotransformer starter
- [C] Direct on-line starter
- [D] Star-Delta starter

Answer: B

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3. Which among the following methods is used for improving the system stability?

- [A] Increasing the system voltage
- [B] Reducing the transfer reactance
- [C] Using high speed circuit breaker
- [D] All of these

Answer: D

4. The motor used in traction purpose

- [A] Shunt Motor
- [B] Series Motor
- [C] Induction Motor
- [D] Universal Motor

Answer: B

5. Transformer core is made of laminated sheets. It is for:

- [A] Reducing noise
- [B] Reducing copper
- [C] Improving colling
- [D] Reducing Eddy Current loss

Answer: D

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6. Earth electrode provides _____

- [A] high resistance
- [B] medium resistance
- [C] low resistance
- [D] very high resistance

Answer: C

7. Bandwidth is the difference of _____ frequencies.

- [A] half power
- [B] full power
- [C] double power
- [D] wattless

Answer: A

8. When the current in the current carrying conductor increases, what happens to the force in the conductor which is at right angles to the magnetic field?

- [A] Increases
- [B] Decreases
- [C] Remains the same
- [D] Becomes zero

Answer: A

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9. The current in a wire passing normally through the center of a conducting loop is increasing at a constant rate. What is the net current induced in the loop?

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

Answer: D

10. Predict the effect of temperature of the conductor on the drift velocity of electrons

- [A] Drift velocity varies linearly with temperature
- [B] Drift velocity does not depend on the temperature
- [C] Drift velocity increases with increasing temperature
- [D] Drift velocity decreases with increasing temperature

Answer: D

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