

QUIZ – ANSWER KEY

QUIZ NO: 64

TOPIC: ELECTRICAL ENGINEERING

DATE: 05/04/2022

1. Which of the following motor has high starting torque?

- [A] Slip ring Induction motor
- [B] Squirrel cage induction motor
- [C] Both A & B
- [D] None of the above

Answer: A

2. In which of the following reason induction motor operation is stable?

- [A] Low Slip region
- [B] High Slip region
- [C] Any of the two
- [D] None of the above

Answer: A

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3. As compared to DOL starting method the star delta starting method should have

- [A] High torque
- [B] Low starting current
- [C] High starting current
- [D] Smooth acceleration

Answer: B

4. If the terminal voltage of an induction motor is decreased then current _____

- [A] Decreased
- [B] Increased
- [C] Remain same
- [D] None of the above

Answer: A

5. Cores of an electric motor are generally made from lamination of

- [A] Carbon
- [B] Silicon Steel
- [C] Cast iron
- [D] None of the above

Answer: B

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6. For highest power gain, what configuration is used?

- [A] CE
- [B] CC
- [C] CB
- [D] None of the above

Answer: A

7. The material used for the magnetic circuit where the high value of flux density required is.....

- [A] Cast iron
- [B] Soft steel
- [C] Ferro Cobalt
- [D] W Gray cast

iron

Answer: C

8. Which of the following is NOT an advantage of PMMC type Instrument?

- [A] The frictional error is low
- [B] Single Instrument can be used for multirange measurement of voltage and current
- [C] core saturation and high voltage induction
- [D] high voltage surge

Answer: A

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9. Kelvin double bridge is best suited for the measurement of

- [A] Low resistance
- [B] Capacitance
- [C] Inductance
- [D] High resistance

Answer: A

10. I have to get my automobile's battery charged. Out of the following, which generator should I prefer?

- [A] Shunt or Series Generator
- [B] Compound Generator
- [C] Shunt Generator
- [D] Series Generator

Answer: C

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