

QUIZ – ANSWER KEY

QUIZ NO: 72

TOPIC: ELECTRICAL ENGINEERING

DATE: 03/04/2022

1. The resistance of a perfect insulator is equal to

- [A] Zero
- [B] Kilo-ohms
- [C] Mega-ohms
- [D] Infinite

Answer: D

2. A capacitor using chemical reactions to store charge is _____

- [A] Paper capacitor
- [B] Ceramic capacitor
- [C] Polyester capacitor
- [D] Electrolyte capacitor

Answer: D

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3. Reactive power transfers no net energy to the load, so it is sometimes called power

[A] Wattless

[B] Watt

[C] Real

[D] Idle

Answer: A

4. Fusing factor should be

[A] Equal to zero

[B] Less than one

[C] Equal to one

[D] More than one

Answer: D

5. The electrical energy consumed by a coil is stored in the form of

[A] An electrical field

[B] A force field

[C] An magnetic field

[D] A electrostatic field

Answer: C

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6. The materials having a nonlinear voltage-current relationship are

- [A] Ohmic
- [B] Non-ohmic
- [C] Batteries
- [D] Capacitor

Answer: B

7. A naturally occurring electrostatic discharge during which two electrically charged regions in the atmosphere or ground temporarily equalize themselves, causing the instantaneous release of a large amount of energy is

- [A] Earthing
- [B] Lightning
- [C] Oscillation motion
- [D] Electron movement

Answer: B

8. An electric conductor which is not a metal is

- [A] Silicon
- [B] Mercury
- [C] Carbon
- [D] Rubber

Answer: C

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9. Electrochemical equivalent may be defined as the _____ of the substance deposited by the passage of 1 coulomb of electricity

- [A] Volume
- [B] Weight
- [C] Density
- [D] Velocity

Answer: B

10. According to Faraday's second law, the weights of different substances evolved by the passage of the same quantity of electricity are proportional to their _____

- [A] Chemical equivalent weight
- [B] Current supply
- [C] Chemical equivalent density
- [D] Volume

Answer: A

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