

## QUIZ – ANSWER KEY

### QUIZ 56

#### TOPIC: ELECTRICAL ENGINEERING

1. High voltage d.c machines use \_\_\_\_\_ winding

- [A] Lap
- [B] Wave
- [C] Either lap or wave
- [D] None of these

**Answer: B**

2. Carbon brushes are used in a d.c machine because

- [A] Carbon is cheap
- [B] Carbon lubricates and polishes the commutator
- [C] Contact resistance is decreased
- [D] None of these

**Answer: B**

Join our social media



## QUIZ – ANSWER KEY

3. The energy conversion in solar cell is

- [A] Chemical energy to electrical energy
- [B] Electrical energy to chemical energy
- [C] Electrical energy to light energy
- [D] Light energy to electrical energy

**Answer: D**

4. Highest transmission voltage in India is

- [A] 220 kV
- [B] 400 kV
- [C] 765 kV
- [D] 1000 kV

**Answer: C**

5. The armature core of a DC machine is made up of

- [A] Silicon steel
- [B] Wrought iron
- [C] Cast steel
- [D] Soft iron

**Answer: A**

Join our social media



## QUIZ – ANSWER KEY

6. A multimeter is used to measure

- [A] Resistance
- [B] Current
- [C] Voltage
- [D] All the above

**Answer: D**

7. Diagonal elements of Resistance matrix in mesh analysis is

- [A] The sum of resistances shared by adjacent loops
- [B] The sum of resistances in the  $j^{\text{th}}$  mesh
- [C] Independent of the magnitude of resistances in the  $j^{\text{th}}$  mesh
- [D] None of these

**Answer: B**

8. The internal resistance of an ideal current source:

- [A] Zero
- [B] A very high value
- [C] Infinite
- [D] A very low value

**Answer: C**

Join our social media



## QUIZ – ANSWER KEY

9. Which of the following frequencies has the longest time period?

[A] 1 Hz

[B] 10 Hz

[C] 1 kHz

[D] 100 kHz

**Answer: A**

10. The RMS value of AC is equal to

[A] 0.637 of maximum value

[B] 0.707 of maximum value

[C] 1.414 of maximum value

[D] The maximum value

**Answer: B**

Join our social media

