

## Electrical Engineering Quiz Questions with Answers Pdf

1. The substances which have a large number of free electrons and offer a low resistance are called
  - a. insulators
  - b. inductors
  - c. semi-conductors
  - d. conductors

Ans: D

2. Out of the following which is not a poor conductor?
  - a. cast iron
  - b. copper
  - c. carbon
  - d. tungsten

Ans: B

3. Out of the following which is an insulating material?
  - a. copper
  - b. gold
  - c. silver
  - d. paper

Ans: D

4. The property of a conductor due to which it passes current is called
  - a. resistance
  - b. reluctance
  - c. conductance
  - d. inductance

Ans: C

5. Conductance is reciprocal of
  - a. resistance
  - b. inductance
  - c. reluctance
  - d. capacitance

Ans: A

6. The resistance of a conductor varies inversely as
  - a. length

- b. area of cross section
- c. temperature
- d. resistivity

Ans: B

7. An instrument which detects electric current is known as

- a. voltmeter
- b. rheostat
- c. wattmeter
- d. galvanometer

Ans: D

8. Which of the following material has nearly zero temperature co-efficient of resistance?

- a. manganin
- b. porcelain
- c. carbon
- d. copper

Ans: A

9. Which of the following statement is true both for a series and a parallel D.C. circuit?

- a. elements have individual currents
- b. currents are additive
- c. voltages are additive
- d. power are additive

Ans: D

10. Which of the following materials has a negative temperature co-efficient of resistance?

- a. copper
- b. aluminium
- c. carbon
- d. brass

Ans: C