

Electrical Engineering MCQ Questions with Answers Pdf

1. International ohm is defined in terms of the resistance of

- a. a coulomb of mercury
- b. a cube of carbon
- c. a cube of copper
- d. the unit length of wire

Ans: A

2. Which of the following materials has the least resistivity?

- a. zinc
- b. lead
- c. mercury
- d. copper

Ans: D

3. The condition for the validity under Ohm's law is that

- a. resistance must be uniform
- b. current should be proportional to the size of the resistance
- c. resistance must be wire wound type
- d. temperature at positive end should be more than the temperature at negative end

Ans: A

4. A rheostat differs from potentiometer in the respect that it

- a. has lower wattage rating
- b. has higher wattage rating
- c. has large number of turns

d. offers large number of tappings

Ans: B

5. All good conductors have high

a. conductance

b. resistance

c. reluctance

d. thermal conductivity

Ans : A

6. Voltage dependent resistors are usually made from

a. charcoal

b. silicon carbide

c. nichrome

d. graphite

Ans: C

7. Nichrome wire is an alloy of

a. lead and zinc

b. chromium and vanadium

c. nickel and chromium

d, copper and silver

Ans: C

8. Which of the following can have negative temperature coefficient?

a. compounds of silver

b. liquid metals

c. metallic alloys

d. electrolytes

Ans: D

9. Conductance : mho ::

a. resistance : ohm

b. capacitance henry

c. inductance : farad

d. lumen : steradian

Ans: A

10. One newton metre is same as

a. one watt

b. one joule

c. five joules

d. one joule second

Ans: B