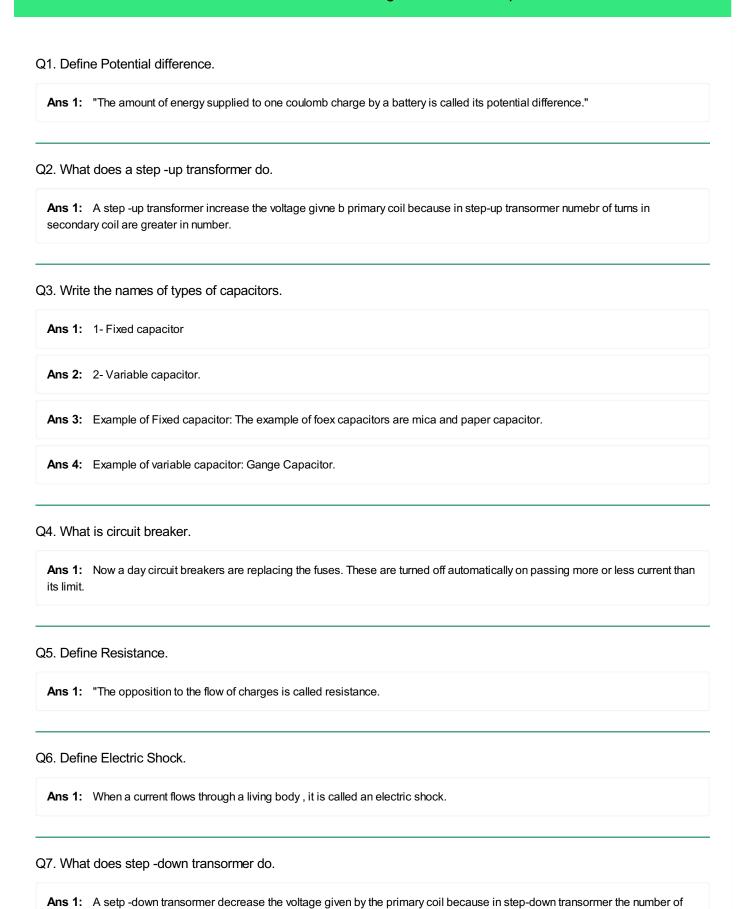


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turns in secondary coil are less than primary coil.

Q8. Define Ohm

Ans 1: "If one volt potential difference applied across the ends of a conductor gives rise to a current of one ampere, the resistanc eof the conductor is one ohms.

Q9. How ammeter and voltmeter are prepared.

Ans 1: Ammeter: Ammeter is an instrument which measured the current. This is made by connecting a small resistance in parallel to the coil of the galvanometer. This resistance is called the "shunt". The major portion of the amount passed through the shun.

Ans 2: Voltmeter: Volmeter is aninstrument which is used to measure potential difference. This can also made by modificationin the galvanometer. A high resistance connected in series with the coil of the galvanometer. This converts it into a voltmeter.

Q10. Define Ammeter.

Ans 1: Ammeter: Ammeter is an instrument which measures the current.