

Question 1: A transformer may consists of \_\_\_\_\_.

- one winding
- two windings
- two or more than two windings
- no winding

Question 2: When the turn ratio of a transformer is 10 and primary ac voltage is 6v, the secondary voltage is \_\_\_\_\_.

- 36v
- 6v
- 60v
- 0.6v

Question 3: Which transformer gives less voltage at secondary as compared to primary?

- isolated transformer
- step up transformer
- step down transformer
- all transformer

Question 4: If turn ratio of a transformer is 5 and secondary current is 2A, the primary current is \_\_\_\_\_.

- 2.5A
- 10A
- 0.4A
- 7A

Question 5: There is a \_\_\_\_\_ energy gap between valence and conduction band.

- forbidden
- permitted

Question 6: In an N-type semiconductor material, the majority carrier are

- holes
- electron
- ions
- protons

Question 7: There is no voltage drop across diode when forward biased, in case of

- ideal diode model