

Electrical Engineering Transformer MCQ Questions Pdf

1. No load current of a transformer has
- a. has high magnitude and low power factor
 - b., has high magnitude and high power factor
 - c. has small magnitude and high power factor
 - d. has small magnitude and low power factor

Ans: D

2. The purpose of providing iron core in a step up transformer is
- A . to provide coupling between primary and secondary
 - b. to increase the magnitude of mutual flux
 - c. to decrease the magnitude of magnetizing current
 - d. to prevent all above features

Ans: C

3. The power transformer is a constant
- a. voltage device
 - b. current device
 - c. power device
 - d. main flux device

Ans: D

4. In a transformer the tappings are generally provided on
- a. primary side
 - b, secondary side
 - c. low voltage side
 - d high voltage side

Ans: C

5. The chemical used in breather for transformer should have the quality of
- a. ionizing air
 - b. absorbing moisture
 - c. cleansing the transformer oil
 - d. cooling the transformer oil

Ans: B

6. The chemical used in breather is
- a. asbestos fibre
 - b. silica sand
 - c. sodium chloride

d. silica gel

Ans: D

7. Material used for construction of transformer core is usually

a. wood

b. copper

c. aluminium

d. silicon steel

Ans: D

8. A transformer oil must be free from

a. sludge

b. odour

c. gases

d. moisture

Ans: D

9. Which of the following properties is not necessarily desirable for the material for transformer core?

a. low hysteresis loss

b. high permeability

c. high thermal conductivity

d. adequate mechanical strength

Ans: C

10. The path of the magnetic flux in transformer should have

a. high reluctance

b. low reactance

c. high resistance

d. low resistance

Ans: B