

Alternating Current MCQ Questions and Answers Pdf

1. In a pure resistive a.c. circuit, the frequency of power curve is _____ that of the circuit frequency.

- a. half
- b. twice
- c. thrice
- d. same as

Ans B

2. Power absorbed in a pure inductive circuit is zero because

- a. reactive component of current is zero
- b. active component of current is maximum
- c. power factor of the circuit is zero
- d. reactive and active components of current cancel out

Ans: C

3. An alternating current is converted to direct current by

- a. dynamo
- b. transformer
- c. rectifier
- d. motor

Ans: C

4. A capacitor is a perfect insulator for

- a. alternating current
- b. direct current
- c, direct as well as alternating current
- d.. None of the above

Ans: B

5. A choke is preferred to a resistance for limiting current in an a.c. circuit because

- a. choke is cheap
- b. there is no wastage of energy
- c. current becomes wattless
- d. current strength increases

Ans: B

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