

1. The practical illustration of the phenomenon of mutual induction is
- [A.](#) A.C generator
  - [B.](#) D.C dynamo
  - [C.](#) induction coil
  - [D.](#) transformer

[Answer & Explanation](#)

**Answer:** Option D

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2. Weber is the unit of
- [A.](#) Magnetic field intensity
  - [B.](#) magnetic induction
  - [C.](#) magnetic flux
  - [D.](#) self-inductance

[Answer & Explanation](#)

**Answer:** Option c

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3. Current produced by moving the loop of wire across a magnetic field is called
- [A.](#) A.C current
  - [B.](#) D.C current
  - [C.](#) induced current
  - [D.](#) mean square current

[Answer & Explanation](#)

**Answer:** Option c

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4. emf induced in a circuit according to Faradays law depends on the
- [A.](#) maximum magnetic flux
  - [B.](#) rate of change of magnetic flux
  - [C.](#) change in magnetic flux
  - [D.](#) initial magnetic flux

[Answer & Explanation](#)

**Answer:** Option B

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5. cmf generated by A.C dynamo depends upon
- [A.](#) number of turns in the coil
  - [B.](#) magnetic field strength
  - [C.](#) frequency of rotation
  - [D.](#) all of above

[Answer & Explanation](#)

**Answer:** Option D

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6. An alternating current or voltage
- [A.](#) fluctuates off and on
  - [B.](#) varies in magnitude alone

C. changes its direction again and again

D. changes its magnitude continuously and reverses its direction of flow after regularly recurring intervals.

[Answer & Explanation](#)

**Answer:** Option D

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7. A dynamo converts

A. mechanical energy into electrical energy

B. electrical energy into mechanical energy

C. magnetic energy into mechanical energy

D. magnetic energy into electrical energy

[Answer & Explanation](#)

**Answer:** Option A

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8. Which one of the following functions like a motor?

A. galvanometer

B. ammeter

C. voltmeter

D. all of above

[Answer & Explanation](#)

**Answer:** Option D

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9. A.C cannot be used for

A. producing heat

B. producing light

C. magnetizing and electroplating

D. all the above

[Answer & Explanation](#)

**Answer:** Option C

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10. Which of the following works on torque on the current carrying conductor placed in magnetic field.

A. galvanometer

B. ammeter

C. voltmeter

D. all of the above

[Answer & Explanation](#)

**Answer:** Option D

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