

Question: 1

Faraday's law of electromagnetic induction is related to the

- (A) Law of conservation of charge
- (B) Law of conservation of energy
- (C) Third law of motion
- (D) None of the above

Ans: B

Law of conservation of energy

Question: 2

Fe, Co and Ni are examples of

- (A) Ferromagnetic
- (B) Paramagnetic
- (C) Diamagnetic
- (D) None of these

Ans: A

Ferromagnetic

Question: 3

The capacitance unit of convenient size is

- (A) Farad
- (B) Microfarad
- (C) Kilo farad
- (D) Mega farad

Ans: B

Microfarad

Question: 4

A motor converts

- (A) Mechanical energy into electrical energy
- (B) Mechanical energy into sound energy
- (C) Electrical energy into mechanical energy
- (D) None of the above

Ans: C

Electrical energy into mechanical energy

Question: 5

An example for diamagnetic substance is

- (A) Copper
- (B) Iron
- (C) Nickel
- (D) Aluminium

Ans: A

Copper

Question: 6

mho is the unit of

- (A) Resistance
- (B) Specific resistance
- (C) Conductivity
- (D) None of these

Ans: C

Conductivity

Question: 7

Antenna is

- (A) Resistive its resonant frequency
- (B) Resistive at resonant frequency
- (C) Capacitive
- (D) Inductive

Ans: D

Inductive

Question: 8

The technique of collecting information about an object from a distance without making physical contact with it is

- (A) Remote sensing
- (B) Remote control
- (C) Remote accessing
- (D) Space shuttle

Ans: A

Remote sensing

Question: 9

The waves relevant to telecommunications are

- (A) Visible light
- (B) Ultraviolet
- (C) Microwave
- (D) Infrared

Ans: C

Microwave

Question: 10

The sky wave propagation is suitable for radio waves of frequency

- (A) Up to 2 MHz
- (B) From 2 MHz to 20 MHz
- (C) From 2 MHz to 30 MHz
- (D) From 2 MHz to 80 MHz

Ans: C

From 2 MHz to 30 MHz

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