

33. "Tin is a paramagnetic material." The statement is --
- a) True
- b) False
34. Temporary magnet is made by \_\_\_\_\_ touch method.
- a) Single
- b) Double
- c) Divided
- d) All of these
35. Which rule is used to find out the direction of rotation of a DC motor?
- a) Fleming's Right hand rule
- b) Fleming's left hand rule
- c) Either
- d) None of these
36. Fleming's right hand rule is used in \_\_\_\_\_.
- a) DC Generator
- b) DC Motor
- c) Both
- d) None of these
37. Which pole is produced if current is rotating in clockwise direction?
- a) N-pole
- b) S-pole
- c) Either
- d) None of these
38. Which is correct for Coulomb's Law?
- a)  $F = \frac{m_1 m_2}{d^2}$
- b)  $F = \frac{d^2}{m_1 m_2}$
- c)  $F = K \frac{m_1 m_2}{d}$
- d)  $F = K \frac{m_1 m_2}{d^2}$
39. Which is the unit of magnetic intensity (H)?
- a)  $N/m^2$
- b)  $N/m$
- c)  $N/wb$
- d) All of these
40. Eddy current increases the temperature of \_\_\_\_\_ of a transformer?
- a) Core
- b) Winding
- c) Box
- d) None of these

41. Which is the unit of hysteresis loss?

- a) KWH
- b) KW
- c) KV
- d) KA

42. Capacitor always draws \_\_\_\_\_ current.

- a) Leading
- b) Lagging
- c) Either
- d) None of these

43. 'BH' curve will be straight line for \_\_\_\_\_.

- a) Soft iron
- b) Manganese
- c) Lead
- d) Air

44. Which material is used in high frequency transformer?

- a) Silicon steel
- b) Soft iron
- c) Ferrite
- d) None of these