

# **Balika Vidyapith, Lakhisarai**

## **Class 12 Sub Physics Dt 30 06 20**

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**Answer the following in one word or sentence –**

**1 Write down the SI unit of self inductance.**

**2 Webber is the SI unit of which physical quantity?**

**3 Electric generator is based on which phenomenon?**

**4 When does magnetic flux linked with a surface become minimum?**

**5 1 Mx is equivalent to how many Wb?**

**6 Which law is a convenient method to determine the direction of induced current produced in a circuit?**

**7 1 e. m. u. of e. m. f. is equivalent to how many volt?**

**8 Why do we make use of laminated core in a transformer?**

**9 henry(H) is the SI unit of which physical quantity?**

**10 What is another name of self induction?**

11 In which form the energy resides in the inductor?

12 Does lenz's law obey law of conservation of energy?

13 What is dimensional formula of magnetic flux?

14 How much induced emf is produced when magnetic flux threading a coil changes from 0.012 Wb to 0.006 Wb in 0.01 S?

15 Mention any one useful application of eddy currents produced?

16 Define the SI unit self inductance?

17 State Fleming's right hand rule.

**शक भरोसे का शत्रु होता है।**

