

Chapter 24 – Electromagnetic Induction

Learning Grid

Electromagnetic Induction	Questions	Answers
	Define electromagnetic induction.	
	Define magnetic flux and state its unit.	
	List the factors that affect the size of an induced emf.	
	Write the four different equations you could utilise when discussing electrical power.	
	State Faraday's law.	
	State Lenz's law.	

Electromagnetic Induction	Questions	Answers
	Distinguish between DC and AC.	
	Write the equations needed for calculating root mean square of current and voltage.	
	Explain what is meant by mutual induction.	
	Distinguish between step-up and step-down transformers.	
	What is the benefit of using a soft iron laminated core in a transformer?	
	What is an RCD?	