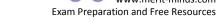
Practice Question Set For GCSE

Subject: Physics



Paper-2 Topic: Magnetism And Electromagnetism (Low Demand Questions)

Name of the Student: Max. Marks: 17 Marks Mark Schemes				Time : 17 Minutes
(a)	(i)	Iron		1
	(ii)	50		
	()		ignore references to current	
			reason only scores if 50 chosen	1
		there	e are more turns on the secondary coil (than the primary coil) accept it is a step-up transformer	
			not more coils	1
(b)	/i)	200		
(b)	(i)	200		1
	(ii)	any c	Lighter smaller use very little power / current (when switched on with no load / pho attached). accept more efficient do not accept uses no power / current a disadvantage of a traditional transformer is insufficient on its own	
Q2.				
(a)	mo	tor		1
(b)	increase the strength of the magnetic field			
			accept use a stronger magnet	
			use a larger / bigger magnet is insufficient	
			do not accept move magnets closer	1
	increase the (size of the) current		ne (size of the) current	
			accept use a current greater than 2 (A)	
			accept increase the p.d. / voltage (of the power supply)	

increase the power supply is insufficient

(c)

2

allow 1 or 3

1

[5]