Practice Question Set For GCSE

Subject: Physics



Paper-1 Topic: GCSE Triple Science_ENERGY (Low Demand Questions)

Name of the Student: Max. Marks : 24 Marks						 Time : 24 Minutes
Mark Sch						711110 1 24 111111111100
Q1. (a)						
(u)	Energy store	Less than at A	The same as at A	More than at A		
	The student's gravitational potential energy	1				
	The student's kinetic energy			1		
	The bungee cord's elastic potential energy			1		
	additional tick in a row ne	egates the ma	ark for that ro	ow.		3
(b)	$E_{\rm e} = 0.5 \times 78.4 \times 25^2$					1
	$E_{\rm e}$ = 24 500 (J)					1
(c)	greatest spring constant allow needs	largest force	(per metre) t	o stretch the	cord	1
(d)	A					1
	greatest extension before snapping MP2 dependent on scoring MP1					1 [8]
Q2.						
(a)	gravitational potential					1
	kinetic					1
	this order on	ly				
(b)	$E_{\rm e} = 0.5 \times 120\ 000 \times 0.0$	15 ²				