Practice Question Set For GCSE

Subject: Physics

Paper-2 Topic: GCSE Triple Science_Forces (Low Demand Questions)



Name of the Student: Max. Marks: 18 Marks Till Mark Schemes			_ Time : 18 Minutes
Q1.			
(a)	4 N	to the right	1
(b)	(i)	bigger than	1
		equal to	1
	(ii)	reduces it	1
		increases air resistance / drag / force C accept parachute has large(r) (surface) area	1 [5]
Q2. (a)	(i)	electrons	1
		a positive	1
	(ii)	(forces are) equal accept (forces are)the same forces are balanced is insufficient	1
		(forces act in) opposite directions accept (forces) repel both sides have the same charge is insufficient	1
(b)	aluminium		1 1 [5]
Q3.			
(a)	96 (m)		1
(b)	(i)	similar shape curve drawn above existing line going through (0,0)	

(ii) Rain on the road

1

(c) (i) all three lines correctly labelled allow 1 mark for one correctly labelled

top line – **C**accept 1.2

middle line – **B**accept 0.9

bottom line – **A**accept 0.7

2

- (ii) any two from:
 - (table has) <u>both</u> variables are together accept tired and music as named variables
 - both (variables) could / would affect the reaction time accept cannot tell which variable is affecting the drive (the most)
 - cannot tell original contribution
 - need to measure one (variable) on its own accept need to test each separately
 - need to control one of the variables fair test is insufficient

2

[8]