Question number		Answer	Notes	Marks
5 (a)		15 (N)		1
(b)	(i)	Scale on axes is linear - 1 mark Axes labelled with scales and units - 1 mark Plotting to nearest half-square (minus one for each plotting / scale error, up to max 2 marks) - 2 marks Line (straight) of best fit acceptable - 1 mark	ALLOW 'mass' / 'scale reading' for y-axis Bar charts: can only score S, A and P marks (4 max)	5
	(ii)	(4, 3.7) identified / circled ;		1
(c)		Any **four** from: Data • There is an obvious error / anomaly / inconsistency in the readings ; • The data on the tin may be wrong ; • The extension of spring might not be linear / broken scales / scales not obeying Hookes Law ; • There is a zero error ; • There could be reading error / parallax error ; Methods • The conclusion was based on just one pair of readings ; • The experiment was not repeated ; • The weight of tins / bag was not taken into account ; • (0 – 5kg is an) inadequate range to measure schoolbag ;		4

Total 11 marks