GCSE MATHEMATICS
MARK SCHEME – Specimen Paper – Handling Data (Unit 1) Foundation

Questions	Working	Answer	Mark	Notes
A1 (a)		60	**1**	B1 cao
(b)		50	**1**	B1 cao
(c)		$1\frac{3}{4}$	**1**	B1 $1\frac{3}{4}$ circles shown
(d) (i)		56	**3**	M1 arrange numbers in order A1 cao
(ii)	82 – 38	44		B1 cao
A2	150 × 4 =	600	**2**	M1 for 150 × 4 A1 cao
A3	(1 × 5) + (2 × 9) + (3 × 14) + (4 × 11) + (5 ×5) + (6 × 6) 5 + 18 + 42 + 44 + 25 + 36 = 170 170 ÷ 50 = 3.4	3.4	**3**	M1 for 1 × 5, 2 × 9 etc (min 3 attempts shown) M1 (dep) for an attempt to add A1 cao
A4 (a)		Reason	**1**	B1 Pass at 0.6 > Fail at 0.4
(b)		Comment	**1**	B1 Comment eg units? No responses
(c)		Question	**2**	B1 Improved question
		Response		B1 Response boxes

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Questions	Working	Answer	Mark	Notes
B1 (a)	Car 𝍸 || 7 Van |||| 4 Lorry 𝍸 5 Bike 𝍸 | 6 Bus || 2		**2**	B1 for all tallies correct B1 for all frequencies correct ft from their tallies
(b)			**2**	B1 for bars labeled appropriately B1 for correct height bars ft from their table
(c)		car	**1**	B1 for cars ft from their highest bar
B2	(H, 6), (H, 5), (H, 4), (H, 3), (H, 2), (H, 1) (T, 6), (T, 5), (T, 4), (T, 3), (T, 2), (T, 1)	$\frac{1}{12}$	**3**	A1 cao B2 for fully correct list of 12 (B1 for a list that includes H,T and 1 – 6) B1 ft from their list
B3 (a)	2 23 2 9 26 17		**3**	B3 for fully correct (B2 for 4 correct) (B1 for 2 correct)
(b)		$\frac{25}{60} = \frac{5}{12}$	**1**	B1 for $\frac{5}{12}$ oe
B4 (a)			**1**	B1 for three points plotted correctly
(b)		500<answer<1500	**2**	B2 cao B1 for a line of best fit drawn correctly