Mark scheme

Types of data and tables

Mathematics 0580 · Questions from Paper 1 and Paper 2

Total marks

17

MARKS FOR EACH QUESTION

1	2	3	4	5	6	7	Total
1	2	2	2	3	3	4	**17**

Question 1 **[1]**

1	109	**1**	

Question 2 **[2]**

2	𝍸 |||	**2**	**B1** for 11, 14, 9, 5, 3 allow one error or omission or for 50 − 42 seen or for 8 purple

Question 3 **[2]**

3	23, 7, 𝍸 ||	**2**	**B1** for one correct

Question 4 **[2]**

4	4 8 1 5 2	**2**	**B1** for 3 correct frequencies If 0 scored **SC1** for all correct tallies if frequency column blank or for all correct frequencies but in tally column

Question 5 **[3]**

5(a)	Frequencies 4, 5, 6, 3, 2 cao	**2**	**B1** for 3 or 4 correct in frequency column or for fully correct tally if no frequencies
5(b)	100 to 109	**1**	**FT** *their* frequency table

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Question 6 [3]

6	10[.00]	**3**	**M2** for 1.90 and 2.90 and 5.20 only or **M1** for two of 1.90, 2.90, 5.20 in a list of three or two values from the table or **SC1** FOR 1.90, 2.90, 4.30 $\left[\text{from } \frac{3.40+5.20}{2}\right]$

Question 7 [4]

7	**(a)** Boys / Girls / Total Asia: 62 / 28 / **90** Europe: 35 / 45 / **80** Africa: **68** / 17 / **85** Total: **165** / **90** / 255	3	**B1** two or three correct or **B2** four or five correct
	(b) $\frac{3}{17}$ or 0.176(47…)	1	Allow $\frac{45}{255}, \frac{15}{85}, \frac{9}{51}$

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