Cambridge Primary Checkpoint

Cambridge International Examinations
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MATHEMATICS **0845/01**

Paper 1 **For Examination from 2014**

SPECIMEN MARK SCHEME

Maximum Mark: 40

This document consists of **11** printed pages and **1** blank page.

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Question	1		
Part	**Mark**	**Answer**	**Further Information**
	1	125	
Total	**1**		

Question	2		
Part	**Mark**	**Answer**	**Further Information**
	1	18 (glasses)	
Total	**1**		

Question	3		
Part	**Mark**	**Answer**	**Further Information**
(a)	1	Any 8 boxes shaded	
(b)	1	$\frac{3}{8}$	
Total	**2**		

Question	4		
Part	**Mark**	**Answer**	**Further Information**
	1	19 (children)	
Total	**1**		

Question	5		
Part	**Mark**	**Answer**	**Further Information**
	1	True ☑ False ☐ True ☐ False ☑	Both correct for the mark.
Total	**1**		

Question	6		
Part	**Mark**	**Answer**	**Further Information**
	2	<table><tr><td>×</td><td>7</td><td>8</td><td>9</td></tr><tr><td>6</td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td>56</td><td></td></tr><tr><td></td><td>56</td><td></td><td></td></tr></table>	Award 2 marks for all 7 correct. Award 1 mark for any 4, 5 or 6 correct.
Total	**2**		

Question	7		
Part	**Mark**	**Answer**	**Further Information**
	1	180 (chocolates)	
Total	**1**		

Question	8		
Part	**Mark**	**Answer**	**Further Information**
	1	Line of length 68 mm accurately drawn with a ruler.	Allow 66 mm to 70 mm inclusive.
Total	**1**		

Question	9		
Part	**Mark**	**Answer**	**Further Information**
	1	7.2	
Total	**1**		

Question	10		
Part	**Mark**	**Answer**	**Further Information**
	1	1 mark for any 3 accurately plotted.	Accept any three points plotted on the line $x + y = 5$. Line does not need to be drawn.
Total	**1**		

Question	11		
Part	**Mark**	**Answer**	**Further Information**
	1		All 5 squares shaded with no extras.
Total	**1**		

Question	12		
Part	**Mark**	**Answer**	**Further Information**
	1	$\dfrac{1}{2}$ $\dfrac{4}{5}$	Both correct for the mark.
Total	**1**		

Question	13		
Part	**Mark**	**Answer**	**Further Information**
	1		Both answers correct to get the mark.
Total	**1**		

Question	14		
Part	**Mark**	**Answer**	**Further Information**
	2		2 marks for all fractions correctly located on the line. 1 mark for any two fractions correctly located on the line.
Total	**2**		

Question	15		
Part	**Mark**	**Answer**	**Further Information**
	1	Rectangle of dimensions 5cm $\times$ 1cm **or** 4cm $\times$ 2cm **or** 3cm $\times$ 3cm	Accept half squares providing rectangle is drawn accurately.
Total	**1**		

Question	16		
Part	**Mark**	**Answer**	**Further Information**
	1	-2	
Total	**1**		

Question	17		
Part	**Mark**	**Answer**	**Further Information**
	1	-20	
Total	**1**		

Question	18		
Part	**Mark**	**Answer**	**Further Information**
	1	① ② ③ 4 5 ⑥ ⑦	All five numbers must be circled, with no additional numbers, for the mark. Accept any clear indication.
Total	**1**		

Question	19		
Part	**Mark**	**Answer**	**Further Information**
	1	0.15	
Total	**1**		

Question	20		
Part	**Mark**	**Answer**	**Further Information**
	1	89.9	
Total	**1**		

Question	21		
Part	**Mark**	**Answer**	**Further Information**
	1	(250) 730 (675) 380 55	Both answers must be circled, with no additional numbers, for the mark. Accept any clear indication.
Total	**1**		

Question	22		
Part	**Mark**	**Answer**	**Further Information**
(a)	1	28 000	
(b)	1	1080	
Total	**2**		

Question	23		
Part	**Mark**	**Answer**	**Further Information**
	1	8.04	
Total	**1**		

Question	24		
Part	**Mark**	**Answer**	**Further Information**
	1	11:23 am 3:23 pm (11:23 pm) 2:23 pm 3:23 am	Accept any indication of correct answer.
Total	**1**		

Question	25		
Part	**Mark**	**Answer**	**Further Information**
(a)	1	12	
(b)	1	<table><tr><td></td><td>**Tally**</td><td>**Frequency**</td></tr><tr><td>**0 – 4**</td><td>|</td><td>1</td></tr><tr><td>**5 – 9**</td><td>|||</td><td>3</td></tr><tr><td>**10 – 14**</td><td>|||||</td><td>6</td></tr><tr><td>**15 – 19**</td><td>||||</td><td>4</td></tr></table>	Both Tally and Frequency columns must be correct for the mark.
Total	**2**		

Question	26		
Part	**Mark**	**Answer**	**Further Information**
	1	10 (°C)	Do not accept -10.
Total	**1**		

Question	27		
Part	**Mark**	**Answer**	**Further Information**
(a)	1	$\frac{50}{100}$	Accept any indication of correct answer.
(b)	1	455	
Total	**2**		

Question	28		
Part	**Mark**	**Answer**	**Further Information**
(a)	1	22 (cm)	Do not accept 156 – 134.
(b)	1	Allow if the candidate's two answers make the difference between the tallest and the shortest of the three heights 17 cm with shortest ⩽165 cm and tallest ⩾ 165 cm. e.g. 160 (cm) 165 (cm) 177 (cm)	
Total	**2**		

Question	29		
Part	**Mark**	**Answer**	**Further Information**
(a)	1	3 x 4 x 5 **or** 2 x 3 x 10 **or** 2 x 5 x 6	Accept numbers in any order. Do not accept if one of the numbers = 1
(b)	1	Possible pairs are: 120 ÷ 2 180 ÷ 3 240 ÷ 4 600 ÷ 10 etc.	Do not accept if one of the numbers = 1
Total	**2**		

Question	30		
Part	**Mark**	**Answer**	**Further Information**
	1	1 7 2	Both digits must be correctly placed for the award of the mark.
Total	**1**		

Question	31		
Part	**Mark**	**Answer**	**Further Information**
(a)	1	42 (cm)	
(b)	1	84 (cm^2)	
Total	**2**		

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