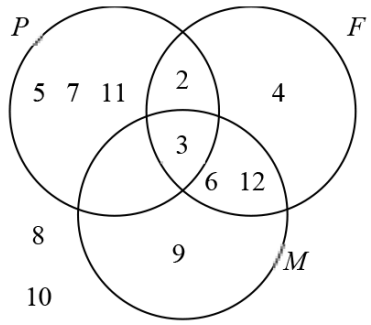
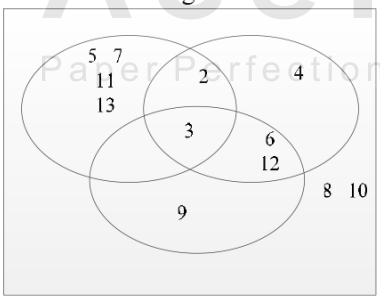
01. 0607_w21_ms_43 Q: 6

Question	Answer	Marks	Partial Marks
(a)	[P =] 2, 3, 5, 7, 11 [F =] 2, 3, 4, 6, 12	**2**	**B1** for each
(b)		**2**	**FT** *their* **(a)** **B1** for at least 8 values correct
(c)(i)	2, 3, 4, 6, 9, 12	**1**	**FT** *their* Venn diagram
(c)(ii)	6, 9, 12	**1**	**FT** *their* Venn diagram
(c)(iii)	8, 10	**1**	**FT** *their* Venn diagram
(d)	3	**1**	**FT** *their* Venn diagram

02. 0607_s19_ms_43 Q: 5

Question	Answer	Marks	Partial Marks
(a)	2, 3, 5, 7, 11, 13	**1**	
(b)	Correct Venn diagram 	**3**	**B2** for 1 or 2 errors/omissions or **B1** for 3 or 4 errors/omissions
(c)	8, 9, 10	**1**	**FT** *their* Venn diagram
(d)	4	**1**	**FT** *their* Venn diagram

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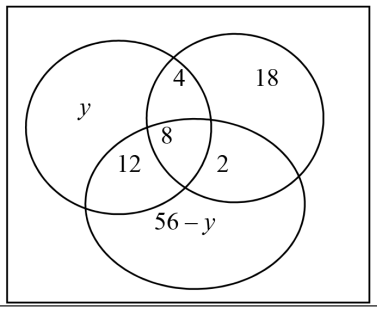
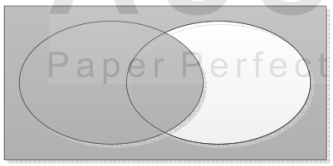
03. 0607_w19_ms_42 Q: 8

Question	Answer	Marks	Partial Marks
(a)	Correct Venn diagram 	2	**B1** for 2, 4, 12, 18 correct **B1** for y and $56-y$ correct oe
(b)(i)	8	2	**M1** for $100 = 74 + 18 + x$ oe
(b)(ii)	40	2	**M1** for $16 + \textit{their}(x) + y = 2(24 + \textit{their}(x))$ oe
(b)(iii)	16	1	**FT** $56 - \textit{their}$ **(b)(ii)** ($\textit{their}$ **(b)(ii)** $\leqslant 56$)

04. 0607_s16_ms_42 Q: 9

Question	Answer	Mark	Part Marks
(a)	11	1	
(b)	$\frac{7}{23}$ oe	1	
(c)	$\frac{110}{182}$ oe	3	**M2** for $\frac{\textit{their}(a)}{\textit{their}(a)+3} \times \frac{\textit{their}(a)-1}{\textit{their}(a)+2}$ or **M1** for a single product of two fractions with first fraction $\frac{\textit{their}(a)}{\textit{their}(a)+3}$
(d)		1	

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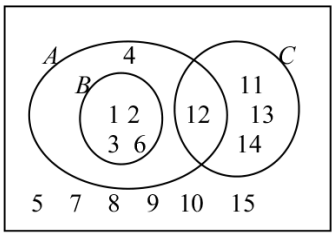
05. 0607_s15_ms_41 Q: 6

Qu.	Answer	Mark	Part Marks
(a)	$A = \{1, 2, 3, 4, 6, 12\}$ $B = \{1, 2, 3, 6\}$	**1** **1**	
(b)		**3**	**B1** for 4 in correct position **B1** for 12 in correct position

Qu.	Answer	Mark	Part Marks
(c) (i)	{1, 2, 3, 6}	**1FT**	**FT** from *their* diagram
(ii)	{11, 13, 14}	**1FT**	**FT** from *their* diagram
(iii)	{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15}	**1FT**	**FT** from *their* diagram
(d) (i)	6	**1FT**	**FT** from *their* diagram
(ii)	15	**1FT**	**FT** from *their* diagram

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