

01. 0607_m23_ms_22 Q: 5

Question	Answer	Marks	Partial Marks
	$\frac{4}{13}$	1	

02. 0607_s23_ms_22 Q: 4

Question	Answer	Marks	Partial Marks
(a)	$4 [< m \leq] 6$	1	
(b)	$2 [< m \leq] 4$	1	

03. 0607_s23_ms_22 Q: 10

Question	Answer	Marks	Partial Marks
	Negative	1	

04. 0607_s23_ms_23 Q: 11

Question	Answer	Marks	Partial Marks
(a)	30	1	
(b)	70	2	M1 for 12×25 or 10×16

05. 0607_s22_ms_22 Q: 8

Question	Answer	Marks	Partial Marks
	20	2	M1 for 10×24 or 8×25

06. 0607_s22_ms_23 Q: 2

Question	Answer	Marks	Partial Marks
(a)	9.5 oe	2	M1 for 5 7 7 8 11 ... or $(8 + 11) \div 2$
(b)	19	3	M1 for attempt at mean $(5 + 7 + 7 + 8 \dots + 15) / 8$ M1 for $9 \times (\text{their } 10 + 1)$

07. 0607_s22_ms_23 Q: 7

Question	Answer	Marks	Partial Marks
(a)	$\frac{36}{100}$ or $\frac{9}{25}$ oe	1	
(b)	300	2	M1 for $12 \times \frac{2500}{100}$ oe

08. 0607_w22_ms_21 Q: 7

Question	Answer	Marks	Partial Marks
(a)	20	1	
(b)	14	2	M1 for $(15 + 5 + 20 + 25 + \dots) / 10$

09. 0607_w22_ms_22 Q: 1

Question	Answer	Marks	Partial Marks
(a)	9.5	2	M1 for 4, 6, 7, 8, 9, 10, 11, 12, 15, 16 Ordered as far as 10 forwards or 9 backwards
(b)	9.8	2	M1 for $(7 + 15 + 16 + 4 \dots) \div 10$

10. 0607_m21_ms_22 Q: 1

Question	Answer	Marks	Partial Marks
(a)	$\begin{array}{r} 1 \mid 6 \ 7 \ 7 \ 8 \ 9 \\ 2 \mid 2 \ 3 \ 3 \ 4 \ 5 \ 5 \ 6 \ 7 \ 7 \end{array}$ <p>key e.g. $1 \mid 6 = 16$</p>	3	B1 for one row correct or for all numbers in correct rows but unordered B1 for a correct key
(b)	23	1	

11. 0607_m21_ms_22 Q: 10

Question	Answer	Marks	Partial Marks
	7	3	<p>M2 for $6\frac{1}{2} \times 4 - 6\frac{1}{3} \times 3$ or M1 for either correct</p> <p>OR</p> <p>M2 for $2(19+x) = 13 \times 4$ oe or M1 for $\frac{6\frac{1}{3} \times 3 + x}{4} = 6\frac{1}{2}$ oe</p>

12. 0607_s21_ms_22 Q: 2

Question	Answer	Marks	Partial Marks								
	<table style="border-collapse: collapse;"> <tr><td style="border-right: 1px solid black; padding-right: 5px;">1</td><td>7 9</td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;">2</td><td>5 7 7 8</td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;">3</td><td>0 2 2 4 7 8 9</td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;">4</td><td>0 1 1</td></tr> </table>	1	7 9	2	5 7 7 8	3	0 2 2 4 7 8 9	4	0 1 1	2	<p>B1 for 12 or more correct or all values in correct rows but unordered.</p>
1	7 9										
2	5 7 7 8										
3	0 2 2 4 7 8 9										
4	0 1 1										

13. 0607_s21_ms_22 Q: 13

Question	Answer	Marks	Partial Marks
	72	3	<p>M2 for $\frac{15 \times 20 + 40 \times 60 + 45 \times 100}{100}$ or M1 for $\frac{their(20) \times 15 + their(60) \times 40 + their(100) \times 45}{100}$ or use correct mid-points but not totalled</p>

14. 0607_w21_ms_21 Q: 4

Question	Answer	Marks	Partial Marks
	Correct bar chart	3	<p>B2 for 1 correct column or B1 for bottom bar on each column correct If 0 scored, SC1 for bar sections correct heights but in inconsistent order or unequal widths.</p>

15. 0607_s20_ms_22 Q: 11

Question	Answer	Marks	Partial Marks
(a)	720	1	
(b)	330	2	M1 for $\frac{360 - (90 + 45 + 60)}{360}$ [<i>xtheir(a)</i>]

16. 0607_w20_ms_21 Q: 6

Question	Answer	Marks	Partial Marks
	18	3	M2 for $(5 \times 12 - 3 \times 8)$ [+2] or M1 for 5×12 or 3×8

17. 0607_w20_ms_21 Q: 12

Question	Answer	Marks	Partial Marks
(a) and (b) are dependent on an increasing curve.			
(a)	Correct graph passing through (0, 0) (10, 8) (15, 24) (20, 49) (30, 66) (50, 80)	4	B2 for correct vertical plots or B1 for 3 or 4 correct vertical plots or all cf's seen correct B1 for plotting points at upper group limit B1 for smooth curve
(b)	17 to 19	1	FT <i>their</i> curve

18. 0607_w20_ms_22 Q: 7

Question	Answer	Marks	Partial Marks
	-6	2	M1 for 5×12 or 6×9

19. 0607_s19_ms_22 Q: 5

Question	Answer	Marks	Partial Marks
(a)	30	1	
(b)	34	1	Allow 33 – 35

20. 0607_s19_ms_23 Q: 6

Question	Answer	Marks	Partial Marks
	13	1	

21. 0607_s19_ms_23 Q: 17

Question	Answer	Marks	Partial Marks
	Correct histogram	3	B2 for 3 correct heights 0.8, 4, 4.8 or B1 for 2 correct heights or all widths correct If 0 scored, SC1 for 0.8, 4, 4.8 seen

22. 0607_w19_ms_22 Q: 9

Question	Answer	Marks	Partial Marks
	30	2	M1 for $7 \times 20 - 5 \times 16$

23. 0607_w19_ms_23 Q: 7

Question	Answer	Marks	Partial Marks
	26	2	B1 for 150 or 176 seen

24. 0607_w19_ms_23 Q: 15

Question	Answer	Marks	Partial Marks
(a)	Bar from 40 to 60, height 2.2	1	
(b)	$[p =] 38$ $[q =] 150$	2	B1 for each

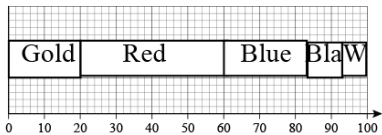
25. 0607_s18_ms_22 Q: 10

Question	Answer	Marks	Partial Marks
	19	2	B1 for 15 or 34

26. 0607_s18_ms_23 Q: 13

Question	Answer	Marks	Partial Marks
(a)	Bar from 12 to 14, of height 12	2	B1 for 12 seen
(b)	14	1	

27. 0607_w18_ms_22 Q: 9

Question	Answer	Marks	Partial Marks
	Labelled chart 	3	B2 for three correct rectangles or B1 for one correct rectangle B1 for labels or for 24, 10, 6

28. 0607_s17_ms_22 Q: 2

Question	Answer	Marks	Partial Marks
(a)	$\begin{array}{r l} 1 & 7 \\ 2 & 6\ 6\ 8 \\ 3 & 0\ 3\ 4\ 7\ 7 \\ 4 & 1\ 5\ 6\ 6\ 8\ 8\ 9 \\ 5 & 2\ 3\ 3\ 4 \\ & \text{Key } 5 \mid 3 = 53 \end{array}$	3	B2 for all elements correct or B1 for all 'correct' but unordered or 1 or 2 missing or wrongly placed or extra element(s) B1 for key
(b)	43	1	

29. 0607_w17_ms_23 Q: 9

Question	Answer	Marks	Partial Marks
	40 and 52	2	B1 for 92

