Question	Evidence	Mark	Notes
Jobs			
Q1	Identifies correct calculations	1 or	28 × 29 or 4.80 + 3.40 seen
		2	8.12, 8.20 seen
	Complete method	1 or	Attempt to find correct total:
	shown		"8.12" + "8.20" + 122.50
	States answer	2	138.82
To	tal marks for question	4	
Q2	Considers criteria for at least one person Assume 5 min if intervals are 20 min	1 or	Two of: 9.00 am start: (15 min interval: 5min between each interview):No overlap in rooms
	Intervals: need to see at least 5 consecutive times	2	All of: 9.00 am start: (15 min interval: 5 min between each interview) No overlap in rooms.
	Considers presentation Coordinates two of: time, people, rooms.	1 or	All times given for at least three people or rooms
	Coordinates features	2	Times and rooms given for all
	time, people, rooms		people or people and rooms (correct)
Total marks for question		4	
Q3a	Attempt to convert B Correct conversion using 52 weeks OR	1 or 2	30 × 15 seen or implied 21600 OR 23400 seen
	48 weeks		

Question	Evidence	Mark	Notes
Jobs	·		
Q3b	C and D salary calcs Monthly or yearly or weekly acceptable Accept use of 52 or 48 weeks in a year, if consistently used Accept use of 4 weeks in a month, if consistently used	1 or	Correct method to convert C <b>OR</b> D for comparison: C yearly: $1800 + (0.01(oe) \times 22000)$ $(1800 + "220") \times 12$ (oe) C monthly $1800 + (0.01(oe) \times 22000)$ C weekly (assumes 4 weeks in a month) $1800 \div 4 + (22000 \times 0.01(oe)) \div 4$ C weekly (conversion from year) $1800 + (0.01(oe) \times 22000)$ $(1800 + "220") \times 12$ (oe) $\div$ 52 <b>OR</b> D yearly: $20000 \times 1.2$ (oe) D monthly: $20000 \times 1.2$ (oe) $\div$ 12 D weekly $20000 \times 1.2$ (oe) $\div$ 52 OR $20000 \times 1.2$ (oe) $\div$ 48
		2 or	Correct method to convert C <b>AND</b> D for comparison
	£24240/ 24000 per year £2020/£2000 per month £505/£466.15/ per week (52 wks) £461.54/£500 per week (48 wks)	3 or	Correct answer for C OR D Time periods can be different but accuracy required
	£24240/ 24000 per year £2020/£2000 per month £505/£466.15/ per week (52 wks) £461.54/£500 per week (48 wks)	4	Correct answer for C AND D Time periods can be different but accuracy required
	Comparison of all in same time period	1 or	A, B, C, D in same time period in order to compare
	Decision (D)	2	Correct decision (ft) from their working and their (a). Compares jobs in the same time period.  Decision stated clearly comparing jobs in same time period.
To	otal marks for question	8	

Question	Evidence	Mark	Notes
Mid-shire Cou	ncil		
Q4	Uses figures correct substitution	1 or	$0.55 \times 40.5 \div 9$
		2	2.475
	Makes decision	1	Makes a correct decision based on the information presented.
To	Total marks for question		
Q5a	Appropriate graph would be scatter or line graph Accept bar graph	1 or	Attempts to draw a graph on which points can be plotted (minimum is labelled axes, linear scale)
		2 or	Attempts to draw a graph on which 5 points are plotted
	Tolerance of 2 mm when plotting	3	Attempts to draw a graph on which 5 points are plotted, and joined with a curve or a polygon
Q5b	Selects method to use	1 or	Reads from their graph or uses table using linear midpoint
	Interprets information	2	Arrives at an appropriate estimate: ft from their graph if not. Answer in the range 8900 - 9200
Te	otal marks for question	5	

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Question	Evidence	Mark	Notes
Mid-shire Cou	ncil		
Q6a	Attempts to find	1 or	$300 \div 3 \times 71.95 \text{ OR}$
	either amount		$300 \div 3 \times 2 \times 12.21$ seen or implied
	currently		OR $71.95 + 12.21 + 12.21 \times 100$ oe
		2	£9367 seen or implied
Q6b	Attempts to find new	1 or	$(300) \div 4 \times 71.95 \text{ OR}$
	cost per day OR find		$(300) \div 4 \times 3 \times 12.21$ seen or
	amount of salt in		implied
	comparison to sand		OR $71.95 + 3 \times 12.21 \times 75$ oe
		2	Correct cost of either salt OR sand
			seen for 1 day 5396.25, 2747.25
		3	Correct cost of either salt AND sand
			seen for 1 day or total cost for 1 day
			(8143.5, 5396.25, 2747.25
	Attempts to find cost	1 or	Their (a) × 29 OR '8143.5'× 29
	for 29 days		seen or implied
			OR Difference between daily rate
			found (1223.5)
	Cost for 29 days	2 or	Their (a) × 29 AND '8143.5'× 29
			seen or implied OR their Difference
			between daily rate × 29 seen or
			implied
	Correct total found	3	Correct difference found
			35481.50
Total marks for question		8	

Question	Evidence	Mark	Notes
Garden	<del>-</del>		
Q7	Number of feeds in 1 bottle Number of feeds per set of plants	1 1 or	1500 ÷ 15 oe, 100 feeds per bottle seen, seen or implied 12 × 9 OR 12 × 11 × 2 seen or implied
	set of plants	2 or	OR 9 + (11 × 2) seen or implied OR their total feeds per week × 12 $12 \times 9$ AND $12 \times 11 \times 2$ seen or implied OR 9 + (11 × 2) × 12
	Total number of bottles	1	OR 372 seen 4 bottles stated or ft from their total number of feeds ÷ 100
Т	otal marks for question	4	
Q8a	Attempt to find volume	1 or	$65 \times 64 \times 120$ seen or implied
	Attempt to reduce volume	2 or	" $65 \times 64 \times 120$ " $\times 0.4$ (oe)
	Correct reduced volume + unit	3	Answer 199680 cm <sup>2</sup> or 19.968 m <sup>2</sup>
Q8b	Checking procedure selected	1 or 2	Attempt to estimate OR attempt to reverse calculation or appropriate other method Correct estimation OR reverse
			calculation or appropriate other method
Q8c	Area of plot Ft from their (a) throughout	1 1 or	11 × 7 seen or implied Their (a) converted to litres 199680 ÷ 1000 (cm) or
	Finds number of litres of compost		0.19968 × 1000 (cm) or 0.19968 × 1000 seen or implied
	Finds number of litres needed for plot	2 or	"77" ÷ 0.25 (oe) or "77" × 4
	Correct decision	3	Correct decision supported by their working
T	otal marks for question	9	

Question	Evidence	Mark	Notes
Garden			
Q9	Answer may be shown diagrammatically or use calculations Number of plants attempted May leave gap at ends of plot Allow gap between $30 - 50$ cm Allow rows to run along 6 m side or $10$ m side of plot	1 or	Finds number of plants in row <b>OR</b> number of rows  ( <b>No gap, along 6 m side</b> )  600÷ 37.5, 16 seen or implied (oe)  1000÷ 75, 13 seen or implied (oe)  ( <b>Gap, along 6 m side</b> )  " <b>600</b> " ÷ 37.5, seen or implied (oe).  Allow answers [13, 15]  "1000" ÷ 75, seen or implied (oe).  Allow answers [12, 13]  ( <b>No gap, along 10 m side</b> )  1000÷ 37.5, 26 seen or implied (oe)  600 ÷ 75, 8 seen or implied (oe) <b>Gap, along 10 m side</b> )  "1000" ÷ 37.5, seen or implied (oe).  Allow answers [24, 25]  600 ÷ 75, seen or implied (oe) Allow answers [5, 6]
	Ft from their method	2 or	Their plants in a row × number of rows (ft from 1 <sup>st</sup> mark) Allow answers [120- 208] OR Uses area method 700 × 1000÷ (37.5 × 75),
	Ft from their method	3	Their number of plants × 5
To	tal marks for question	3	