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


| 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 <br> £24240/24000 per year £2020/£2000 per month £505/£466.15/ per week ( 52 wks ) $£ 461.54 / £ 500$ per week (48 wks) | 1 or <br> 2 or <br> 3 or | Correct method to convert C OR D for comparison: <br> C yearly: $1800+(0.01(\mathrm{oe}) \times 22000)$ $(1800+" 220 ") \times 12$ (oe) <br> C monthly $1800+(0.01(\mathrm{oe}) \times 22000)$ <br> C weekly (assumes 4 weeks in a month) $1800 \div 4+(22000 \times 0.01(\mathrm{oe})) \div 4$ <br> C weekly (conversion from year) $1800+(0.01(\mathrm{oe}) \times 22000)$ <br> $(1800+$ " 220 ") $\times 12(\mathrm{oe}) \div 52$ <br> OR <br> D yearly: $20000 \times 1.2(\mathrm{oe})$ <br> D monthly: $20000 \times 1.2(\mathrm{oe}) \div 12$ <br> D weekly $20000 \times 1.2(\mathrm{oe}) \div 52$ OR $20000 \times 1.2(\mathrm{oe}) \div 48$ <br> Correct method to convert C AND D for comparison <br> Correct answer for C OR D <br> 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. |
|  | Total marks for question | 8 |  |


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


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


| Question | Evidence | Mark | Notes |
| :--- | :--- | :--- | :--- |
| Qarden |  | Number of feeds in 1 <br> bottle <br> Number of feeds per <br> set of plants | 1 |
| Q7 | 1 or | $1500 \div 15$ oe, 100 feeds per bottle <br> seen, seen or implied <br> $12 \times 9$ OR $12 \times 11 \times 2$ seen or <br> implied <br> OR 9 $+(11 \times 2)$ seen or implied <br> OR their total feeds per week $\times 12$ <br> $12 \times 9$ AND $12 \times 11 \times 2$ seen or <br> implied <br> OR 9 + $11 \times 2) \times 12$ <br> OR 372 seen <br> 4 bottles stated or ft from their total <br> number of feeds $\div 100$ |  |
| Q8a | Total number of <br> bottles | 1 | 2 or |


| 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 $30-50 \mathrm{~cm}$ Allow rows to run along 6 m side or 10 m side of plot <br> Ft from their method <br> Ft from their method | 1 or | Finds number of plants in row OR number of rows <br> (No gap, along 6 m side) <br> $600 \div 37.5$, 16 seen or implied (oe) $1000 \div 75,13$ seen or implied (oe) <br> (Gap, along 6 m side) <br> " $\mathbf{6 0 0}$ " $\div 37.5$,seen or implied (oe). <br> Allow answers [13, 15] <br> " 1000 " $\div 75$, seen or implied (oe). <br> Allow answers [12, 13] <br> (No gap, along 10 m side) <br> $1000 \div 37.5$, 26 seen or implied (oe) <br> $600 \div 75,8$ seen or implied (oe) <br> Gap, along 10 m side) <br> " 1000 " $\div 37.5$, seen or implied (oe). <br> Allow answers [24, 25] <br> $600 \div 75$, seen or implied (oe) Allow answers $[5,6]$ <br> Their plants in a row $\times$ number of rows (ft from $1^{\text {st }}$ mark) <br> Allow answers [120-208] <br> OR Uses area method <br> $700 \times 1000 \div(37.5 \times 75)$, <br> Their number of plants $\times 5$ |
| Total marks for question |  | 3 |  |

