## Education Bureau

Territory-wide System Assessment 2013
Primary 6 Mathematics
Marking Scheme

| Item No. | Answers | Mark | Remarks |
| :---: | :---: | :---: | :---: |
| 1 | ten thousands | 1 | Do not accept wrong spelling including 'ten thousand' |
| 2 | A | 1 |  |
| 3 | 87 | 1 |  |
| 4 | 1.3 | 1 |  |
| 5 | $\frac{1}{25}$ | 1 |  |
| 6 | tenths | 1 | Do not accept wrong spelling including 'tenth' |
| 7 | 60, 2 | 1 | Must be all correct |
| 8 | 100 | 1 |  |
| 9 | C | 1 |  |
| 10 | 4 | 1 |  |
| 11 | 2.9 | 1 |  |
| 12 | 37.2 | 1 |  |
| 13 | $\frac{1}{4}$ | 1 |  |
| 14 | 15 | 1 |  |
| 15 | Circle 'equal to' | 1 |  |
| 16 | 25 | 1 |  |
| 17 | A | 1 |  |
| 18 | He should pay altogether: $\begin{aligned} & \$ 36.40+(\$ 36.40-\$ 3.80) \\ = & \$ 69.00 \end{aligned}$ | $\begin{gathered} 1 \\ 1^{*} \\ 1^{* *} \\ \hline \end{gathered}$ | Method Mark: other correct methods are also acceptable <br> Answer Mark ( ${ }^{*}$ please see remarks below) <br> Presentation Mark (** please see remarks below) |
| 19(a) | 370 | 1 |  |
| 19(b) | $\frac{19}{20}$ | 1 |  |
| 20(a) | 40 | 1 |  |
| 20(b) | 120 | 1 |  |
| 21 | 10.00/10, circle 'more' | 1 | Must be all correct |
| 22(a) | 25 , circle 'past', 2 , respectively | 1 | Must be all correct |
| 22(b) | 15, 05 respectively | 1 | Must be all correct |
| 23(a) | Circle 'right-angled' | 1 |  |
| 23(b) | Accept 47, 48 or 49 | 1 |  |


| Item No. | Answers | Mark | Remarks |
| :---: | :---: | :---: | :---: |
| 24(a) | kilometre / km | 1 | Do not accept wrong spelling |
| 24(b) | kilogram / kg | 1 | Do not accept wrong spelling |
| 24(c) | litre / L / l | 1 | Do not accept wrong spelling |
| 25 | A | 1 |  |
| 26 | His average speed was: $\begin{aligned} & 20.4 \div 2 \\ &=10.2 \mathrm{~km} / \mathrm{h} \end{aligned}$ | 1 <br> 1 * $1^{* *}$ | Method Mark: other correct methods are also acceptable <br> Answer Mark (* ${ }^{*}$ please see remarks below) <br> Presentation Mark ( ${ }^{* *}$ please see remarks below) |
| 27(a) | C | 1 |  |
| 27(b) | D | 1 |  |
| 28(a) | 6 | 1 |  |
| 28(b) | The area of the whole figure is: $\begin{aligned} & (8+15) \times 4 \div 2 \\ = & 46 \mathrm{~cm}^{2} \end{aligned}$ <br> OR $\begin{aligned} & \frac{(8+12) \times 4}{2}+\frac{3 \times 4}{2} \\ = & 40+6 \\ = & 46 \mathrm{~cm}^{2} \end{aligned}$ | 1 <br> 1* $1^{* *}$ | Method Mark: other correct methods are also acceptable <br> Answer Mark ( ${ }^{*}$ please see remarks below) <br> Presentation Mark ( ${ }^{* *}$ please see remarks below) |
| 29 | $500 \mathrm{~cm}^{3}$ | 1 |  |
| 30(a) | radius | 1 | Do not accept wrong spelling |
| 30(b) | Circle 'isosceles' | 1 |  |
| 31 | Circle 'pyramid', 12 | 1 | Must be all correct |
| 32(a) | C, D | 1 | Must be all correct |
| 32(b) | E | 1 |  |
| 33(a) | north / N, east / E | 1 | Must be all correct <br> Do not accept wrong spelling |
| 33(b) | Flower Bed | 1 |  |
| 33(c) | north-west / NW | 1 | Do not accept wrong spelling |
| 34 | A | 1 |  |
| 35 | B | 1 |  |


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| :---: | :---: | :---: | :---: |
| 36 | 6.5 | 1 |  |
| 37 | 48 | 1 |  |
| 38 | Let the fee of a child be $\$ y$. $\begin{aligned} 2 y+40 & =260 \\ 2 y & =220 \\ y & =110 \end{aligned}$ <br> $\therefore$ The fee of a child is $\$ 110$. | 1 $1^{*}$ $1^{* *}$ | Method Mark: other correct methods are also acceptable <br> Answer Mark (* please see remarks below) <br> Presentation Mark (** ${ }^{*}$ please see remarks below) |
| 39(a) | May, 6000 | 1 | Must be all correct; <br> Do not accept wrong spelling |
| 39(b) | 16000 | 1 |  |
| 39(c) | 2 | 1 |  |
| $\begin{aligned} & 40(1) \\ & 40(2) \end{aligned}$ | Topic: The number of copies of newspapers sold at a newsstand last week <br> Construct a bar chart: The heights of the bars must correspond to the data given in the table (310, 260, 380, 220, 80) | $1$ <br> 1 | Other suitable titles are also acceptable, but must include 'copies of newspapers sold', 'newsstand' and 'last week' <br> Holistic marking, must be all correct All the bars must be of the same width, evenly spaced and drawn at appropriate positions on the horizontal axis |
| 41 | $\begin{aligned} & \frac{50+40+54}{3} \\ = & \frac{144}{3} \\ = & 48 \end{aligned}$ <br> $\therefore$ Vivian's average savings per month is $\$ 48$. | 1 <br> $1^{*}$ $1^{* *}$ | Method Mark: other correct methods are also acceptable <br> Answer Mark ( ${ }^{*}$ please see remarks below) <br> Presentation Mark ( ${ }^{* *}$ please see remarks below) |

*Answer Mark: (1) Just the correct answer without showing mathematical expression(s)/
equation(s), award the answer mark.
(2) Mathematical expression(s)/equation(s) incorrect, do not award the answer mark.
(3) Poor presentation in the mathematical expression(s)/equation(s) or working but correct answer given, award the answer mark.
** Presentation Mark: (1) Mathematical expression(s)/equation(s) correct but wrong answer given, award the presentation mark as appropriate.
(2) Mathematical expression(s)/equation(s) incorrect, do not award the presentation mark.
(3) Presentation mark includes holistic assessment of mathematical expression(s)/equation(s), units (missing or wrong units), explanation, statement/conclusion and use of symbols, etc.

