## Education and Manpower Bureau Territory-wide System Assessment 2007 Primary 6 Mathematics Marking Scheme

Item No.	Answers	Mark	Remarks
1(a)	Thirty thousand seven hundred and five/Thirty thousand and seven hundred and five	1	Do not accept wrong spelling
1(b)	0/zero, 0/zero respectively	2	1 mark for each correct answer, each answer is marked independently of each other, do not accept wrong spelling
2	21677	1	
3	$4\frac{1}{3}$ / 4.3	1	
4	$4\frac{7}{8}$ / 4.875	1	
5	$14\frac{1}{3} / 14.3$	1	
6	$25.56 / 25 \frac{14}{25}$	1	
7	В	1	
8	1 , 2 , 19 , 38	1	Must be all correct, order of the answers is not important
9	Circle 324	1	
10	1/28 or 2/28 or 4/28 or 7/28 or 14/28 or 4/7 or 4/14	1	Markers have to verify that the 2 numbers given by students have 28 as their L.C.M.
11	$0.07 / \frac{7}{100}$	1	
12(a)	$\frac{3}{8}$	1	
12(b)	$37.5 / 37\frac{1}{2}$	1	37.5% / $37\frac{1}{2}$ % is also acceptable
13(a)	2.06	1	
13(b)	$7.4 / 7\frac{2}{5}$	1	7.4% / $7\frac{2}{5}$ % is also acceptable
14	15	1	15% is also acceptable
15	$24\frac{2}{5}$	1	
16	$262.4 / 262\frac{2}{5}$	1	
17	5 · 70 respectively	1	Must be all correct

## **6ME4**

Item No.	Answers	Mark	Remarks
18	The cost of one chair $=\$\frac{3490-1990}{4} / \$(3490-1990) \div 4$ $=\$375$ or The cost of four chairs =\$(3490-1990) =\$1500 The cost of one chair $=\$1500 \div 4$ $=\$375$	1 1* 1 <sup>**</sup>	Method Mark: other correct methods are also acceptable Answer Mark ( <sup>*</sup> please see remarks below) Presentation Mark ( <sup>**</sup> please see remarks below)
19(a)	$1\frac{17}{20}$ / 1.85	1	
19(b)	The amount of lychee dad picks =[Answer of Part (a) + $2\frac{1}{2}$ ] kg = $4\frac{7}{20}$ kg or The amount of lychee dad picks = $(3\frac{1}{4} - 1\frac{2}{5} + 2\frac{1}{2})$ kg = $4\frac{7}{20}$ kg	1 1* 1**	Method Mark: other correct methods are also acceptable Answer Mark ( <sup>*</sup> please see remarks below), 4.35 kg is also acceptable Presentation Mark ( <sup>**</sup> please see remarks below)
20	B, C	1	Must be all correct, order of the answers is not important
21(a)	cm/centimetre(s)/centimeter(s)	1	Do not accept wrong spelling
21(b)	L/l/litre(s)/liter(s)	1	Do not accept wrong spelling
21(c)	kg/Kg/kilogram(s)	1	Do not accept wrong spelling
21(d)	mm/millimetre(s)/millimeter(s)	1	Do not accept wrong spelling
21(e)	g/gram(s)	1	Do not accept wrong spelling
22(a)	half/30 minutes , one , circle "afternoon" respectively	1	Must be all correct, do not accept wrong spelling
22(b)	Easy Life, 10	1	Must be all correct
22(c)	D	1	
23(a)	112, 80 respectively	1	Must be all correct
23(b)	25 · 30 respectively	1	Must be all correct
24	A , 300 respectively	1	Must be all correct
25	С	1	

Item No.	Answers	Mark	Remarks
26	15	1	
27	B , C , A respectively	1	Must be all correct
28	25	1	
29	В	1	
30	1200 cm <sup>3</sup> /cu.cm./cubic centimetre(s)/cubic centimeter(s)	1	Both numerical value and unit must be correct, do not accept wrong spelling
31(a)	36	1	
31(b)	The motorcycle travels $70 \times \frac{36}{60} / 70 \times \frac{\text{answer of part(a)}}{60} \text{ km}$ = 42 km	1 1*	Method Mark: other correct methods are also acceptable Answer Mark ( <sup>*</sup> please see remarks below)
	or 36 minutes = $\frac{36}{60}$ hour = 0.6 hour The motorcycle travels 70 × 0.6 km = 42 km	1**	Presentation Mark ( <sup>**</sup> please see remarks below)
32	440	1	
33(a)	hexagonal pyramid/6-sided pyramid/6 sided pyramid	1	Do not accept wrong spelling
33(b)	triangular prism/3-sided prism/3 sided prism	1	Do not accept wrong spelling
33(c)	Sphere	1	Do not accept wrong spelling
33(d)	cuboid/rectangular prism/4-sided prism/4 sided prism/quadrilateral prism	1	Do not accept wrong spelling
34	С	1	
35	540	1	
36(a)	Circle "straight line(s)" and "curve(s)"	1	Mark holistically, must be all correct
36(b)	Circle "straight line(s)", "curve(s)" and "parallel line(s)"	1	Mark holistically, must be all correct
36(c)	Circle "straight line(s)" and "perpendicular line(s)"	1	Mark holistically, must be all correct
37	A	1	
38	$16\frac{1}{2}$ / 16.5	1	

Item No.	Answers	Mark	Remarks
39	Let the number of books John has be x. $2x - 15 = 75$ $2x - 15 + 15 = 75 + 15$ $2x = 90$ $\frac{2x}{2} = \frac{90}{2}$	1	Must be solved by the method of solving equation, i.e. the "Principle of Equivalence" has been used. Method Mark: equivalent equations are also acceptable, e.g. $2x = 75+15$
	x = 45 The number of books John has is 45. (Optional if the unknown is properly introduced.)	1 <sup>**</sup>	Answer Mark ( <sup>**</sup> please see remarks below) Presentation Mark ( <sup>**</sup> please see remarks below)
40	<pre>square(s) , parallelogram(s) , triangle(s)/right-angled triangle(s) /isosceles triangle(s)/isosceles right-angled triangle(s)</pre>	3	1 mark for each correct answer, each answer is marked independently of each other, order of the answers is not important, do not accept wrong spelling
41(a)	Searching for Information , 350 respectively	1	Must be all correct
41(b)	1000	1	
41(c)	$\frac{1}{5}$	1	
41(d)	210	1	
42	Fill in the boxes with the correct numbers: from bottom to top 0, 20, 40, 60, 80 respectively	1	Mark holistically, must be all correct
	Complete bar chart: draw bars of heights 50, 40 and 60 respectively	1	Mark holistically, must be all correct, the width of all the bars must be the same and drawn at the appropriate positions on the horizontal axis

Remarks:

\*Answer Mark – (1) Just the correct answer without showing mathematical expression(s)/ equation(s), award the answer mark.

- (2) Mathematical expression(s)/equation(s) is/are incorrect, do not award the answer mark.
- (3) Poor presentation in the mathematical expression(s)/equation(s) or workings but correct answer given, award the answer mark.

\*\*Presentation Mark: (1) Mathematical expression(s)/equation(s) is/are correct but wrong

- answer given, award the presentation mark.
  (2) Mathematical expression(s)/equation(s) is/are incorrect, do not award the presentation mark.
- (3) Presentation mark includes holistic assessment of mathematical expression(s)/equation(s), units (missing unit or wrong unit), explanation, statement/conclusion and use of symbols, etc.