

Education and Manpower Bureau
Territory-wide System Assessment 2005
Primary 6 Mathematics
Marking Scheme

Question No.	Answers	Marks	Remarks
1	148	1	
2	21056	1	
3	44.52	1	$44\frac{13}{25}$ is also acceptable
4	64	1	
5	$\frac{6}{6}$, $\frac{11}{11}$	1	Must be all correct
6	$3\frac{2}{5}$	1	3.4 is also acceptable
7	3	1	
8	D	1	
9	1, 4, 14, 28	1	Must be all correct
10	$4\frac{1}{25}$	1	
11(a)	9847	1	
11(b)	4078	1	
12	B	1	
13	$\frac{5}{6}$	1	
14	My sister's height this year is $125 \times (1 + \frac{1}{25})$ $= 130 \text{ (cm)}$ OR $125 \times (1 + \frac{1}{25}) = 130$ My sister's height this year is 130 cm. OR My sister's height this year increases by $125 \times \frac{1}{25} = 5 \text{ (cm)}$ Her height this year is $125 + 5 = 130 \text{ (cm)}$	1 1* 1**	Method mark: other correct methods are also acceptable Answer mark (*please see remarks below) Presentation mark (**please see remarks below)
15	D	1	
16(a)	9	1	9% is also acceptable
16(b)	$62.5 / 62\frac{1}{2}$	1	$62.5\% / 62\frac{1}{2}\%$ is also acceptable
17	276	1	

Question No.	Answers	Marks	Remarks
18	Fruit candies can be packed into $25 \times \frac{3}{5} \div \frac{3}{10}$ $= 50 \text{ (bags)}$ OR $25 \times \frac{3}{5} \div \frac{3}{10} = 50$ Fruit candies can be packed into 50 bag. OR Weight of fruit candies for sale is $25 \times \frac{3}{5} = 15 \text{ (kg)}$ Fruit candies can be packed into $15 \div \frac{3}{10} = 50 \text{ (bags)}$	1 1* 1**	Method mark: other correct methods are also acceptable Answer mark (*please see remarks below) Presentation mark (**please see remarks below)
19	30 , 60 , 90	1	Must be all correct, order of arrangement is not important
20	12	1	
21	25	1	25% is also acceptable
22(a)	28.10	1	28.1 is also acceptable
22(b)	The change my grandmother should get is $100 - 56 \times 1.5$ $= \$16 / 16 \text{ dollars}$ OR $100 - 56 \times 1.5 = 16$ My grandmother should get \$16 / 16 dollars change. OR The cost of cherries is $56 \times 1.5 = \$84$ The change my grandmother should get is $100 - 84 = \$16 / 16 \text{ dollars}$	1 1* 1**	Method mark: other correct methods are also acceptable Other acceptable answers: \$16.00/16.0 Answer mark (*please see remarks below) Presentation mark (**please see remarks below)
23	92 mm / 9.2 cm	1	Acceptable range of answers: 91 to 93 mm / 9.1 to 9.3 cm Must be all correct (including numerical value and unit)
24	Circling a total of \$20 value of coins (must include \$2, \$1 and 50¢ coins)	1	Holistic marking
25(a)	mL / ml / millilitre	1	
25(b)	L / l / litre	1	
26	C	1	

Question No.	Answers	Marks	Remarks
27	B	1	
28	600	1	
29	3000	1	
30	150	1	
31	A , C , B respectively	1	Must be all correct
32	$0.9 / \frac{9}{10}$	1	
33	44	1	
34(a)	A , H	1	Must be all correct, order of arrangement is not important
34(b)	G	1	
35	A	1	
36(a)	north-east / northeast / north east / NE	1	
36(b)	Bookshop	1	Wrong spelling is acceptable
36(c)	south-west / southwest / south west / SW , west / W respectively	1	Must be all correct
37	250	1	
38(a)	Kwun Tong , six hundred thousand / 600 000 respectively	1	Must be all correct, wrong spelling is acceptable
38(b)	$1.5 / 1\frac{1}{2}$	1	
39(a)	The most favourite festivals of the P6 schoolmates	1	Holistic marking, similar titles are acceptable, but must include words like ‘most favourite’ and ‘festivals’, wrong spelling is acceptable
39(a)	25 , 15 , 20 , 40 respectively	1	Must be all correct
40	51	1	
41	$\frac{x}{5} / (x \div 5)$	1	$(\frac{x}{5}) / x \div 5$ is also acceptable
42	Let the price of one bowl of wonton noodles be \$y. $3y + 5 = 53$ $3y + 5 - 5 = 53 - 5$ $3y = 48$ $\frac{3y}{3} = \frac{48}{3}$ $y = 16$ The price of one bowl of wonton noodles is \$16. (Optional)	1 1* 1**	Must be solved by the method of solving equation, i.e. the “Principle of Equivalence” has been used Method mark, other acceptable equations: $3y = 53 - 5$ $53 - 3y = 5$ Answer mark (*please see remarks below) Presentation mark (**please see remarks below)

Question No.	Answers	Marks	Remarks
43	13	1	
44	66	1	

Remarks: *Answer mark - (1) Just the correct answer without showing mathematical expression/ equation, award the answer mark.
 (2) Mathematical expression/equation is incorrect, do not award the answer mark.
 (3) Poor presentation in the mathematical expression/equation or workings but correct answer given, award the answer mark.

**Presentation mark: (1) Mathematical expression/equation is correct, but wrong answer given, award the presentation mark.
 (2) Mathematical expression/equation is incorrect, do not award the presentation mark.
 (3) Presentation mark includes holistic assessment of mathematical expression/equation, units (missing unit or wrong unit), explanation, statement/conclusion and use of symbols, etc.