

Education and Manpower Bureau
Territory-wide System Assessment 2006
Primary 6 Mathematics
Marking Scheme

Item No.	Answers	Mark	Remarks
1	2380	1	
2	11	1	
3	$\frac{5}{6}$, $\frac{3}{5}$, $\frac{1}{4}$ respectively	1	Must be all correct
4	$1\frac{5}{7}$	1	$1.\dot{7}1428\dot{5}$ is also acceptable
5	$3\frac{1}{4}$	1	3.25 is also acceptable
6	50	1	
7	1.95	1	$1\frac{19}{20}$ is also acceptable
8	A	1	
9	9	1	
10	B	1	
11	Mr. Chan had to pay $5 \times 40 \div 8$ = \$25	1 1* 1**	Method Mark: other correct methods are also acceptable Answer Mark (* please see remarks below), 25.00/25.0 is also acceptable Presentation Mark (** please see remarks below)
12(a)	52	1	
12(b)	$1\frac{9}{25}$	1	
13	12.90	1	12.9 is also acceptable
14	1.7	1	
15	plain, 5.90 respectively	1	Must be all correct, 5.9 is also acceptable
16(a)	5.6	1	
16(b)	54.20	1	54.2 is also acceptable
17	1500	1	
18(a)	$31\frac{1}{2}$	1	31.5 is also acceptable
18(b)	$1\frac{1}{2}$	1	1.5 is also acceptable

Item No.	Answers	Mark	Remarks
19	$(399.9 + 90.8) \div 40$ $= 490.7 \div 40$ ≈ 12.27 She got 12 stamps altogether.	1 1* 1**	Method Mark: other correct methods are also acceptable Answer Mark (* please see remarks below) Presentation Mark (** please see remarks below)
20(a)	40	1	
20(b)	285	1	285.00/285.0 is also acceptable
20(c)	B , 15 respectively	1	Must be all correct, 15.00/15.0 is also acceptable
21	A , C , D	1	Must be all correct, order of arrangement is not important
22(a)	620.50	1	620.5 is also acceptable
22(b)	Circle money of total value \$620.50	1	Holistic marking, must be all correct
23(a)	15	1	
23(b)	Cash coupon, because cash coupon gives a bigger discount of 15% than the special discount of 10% or Cash coupon, because with the cash coupon the frying pan can be bought at \$102, whereas with the special discount the frying pan can only be bought at \$108	1	Holistic marking, must be all correct; other reasonable explanations are also acceptable, but have to be supported by numerical data (e.g. comparing discount or selling price)
24(a)	centimeters/centimetres/cm	1	Do not accept wrong spelling
24(b)	grams/g/gm	1	Do not accept wrong spelling
24(c)	kilometers/kilometres/km/Km	1	Do not accept wrong spelling
24(d)	litres/L/l	1	Do not accept wrong spelling
25	18	1	
26	84	1	
27	8.6	1	
28	720	1	

Item No.	Answers	Mark	Remarks
29	The greatest number of pieces of square paper that can be cut $(90 \div 5) \times (30 \div 5)$ $= 18 \times 6$ $= 108$ or The greatest number of pieces of square paper that can be cut $90 \times 30 \div 25$ $= 108$	1 1* 1**	Method Mark: other correct methods are also acceptable Answer Mark (* please see remarks below) Presentation Mark (** please see remarks below)
30(a)	6	1	
30(b)	1500	1	
31	B	1	
32	$(2y - 100)$	1	$2y - 100$ is also acceptable
33(a)	28 th /28 , Jun/Jun./June respectively	1	Must be all correct, do not accept wrong spelling for Jun/Jun./June
33(b)	4 th /4 , Aug/Aug./August respectively	1	Must be all correct, do not accept wrong spelling for Aug/Aug./August
33(c)	366	1	
34(a)	Draw a diameter	1	The straight line drawn must pass through the centre and with the two end points lying on the circumference
34(b)	5	1	Accept any value between 4.9 and 5.1
34(c)	15, because the circumference is about 3 times the diameter or 16, because circumference $= 5 \times 3.14 = 15.7 \approx 16$	1	Holistic marking, must be all correct; other reasonable explanations are also acceptable, but have to point out that circumference is about 3 times the diameter or the value of π is about 3
35(a)	G	1	
35(b)	B , F	1	Must be all correct, order of arrangement is not important
35(c)	E	1	
36(a)	pentagonal pyramid/pyramid on a pentagonal base/5-sided pyramid	1	Do not accept pyramid; do not accept wrong spelling
36(b)	cylinder/prism on a circular base	1	Do not accept prism; do not accept wrong spelling

Item No.	Answers	Mark	Remarks
37(a)		1	Holistic marking
37(b)		1	Holistic marking
38(a)	40 , 60 , 50 , 60 respectively	1	Must be all correct
38(b)	P.3: 4 pictures; P.4: 6 pictures; P.5: 5 pictures; P.6: 6 pictures	1	Holistic marking, must be all correct; pictures drawn must be the same as that given in the question and drawn at the appropriate position on the horizontal axis
39(a)	Causeway Bay , 210 000/210 thousand/two hundred and ten thousand respectively	1	Must be all correct
39(b)	800 000/800 thousand/eight hundred thousand	1	
39(c)	62.5/62 $\frac{1}{2}$	1	
40	44	1	
41	A , D	1	Must be all correct, order of arrangement is not important
42(a)	B	1	
42(b)	700	1	

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, explanation, statement/conclusion and use of symbols (e.g. the equal sign), etc.