Education Bureau Territory-wide System Assessment 2010 Primary 6 Mathematics Marking Scheme

Item No.	Answers	Mark	Remarks
1	8705, 8570, 7085	1	Must be all correct
2	Α	1	
3	36, 72	1	Must be all correct
4(a)	1, 2, 7, 14	1	Must be all correct
4(b)	14	1	
5	$1\frac{3}{5}$	1	
6(a)	30	1	
6(b)	2	1	
7	5	1	
8	$3\frac{3}{4}$	1	
9	0.44	1	
10	24, 3 respectively	1	Must be all correct
11	$7\frac{27}{40}$	1	
12	$1\frac{3}{10}$	1	
13	$1.5 / 1\frac{1}{2}$	1	
14	0.53	1	
15	$1\frac{7}{40}$	1	
16(a)	60	1	
16(b)	$3\frac{1}{3} \div \frac{2}{3}$	1	Method Mark: other correct methods are also acceptable
	= 5	1*	Answer Mark ([*] please see remarks
			below)
	. 5 bags were packed.	1**	Presentation Mark (^{**} please see
			remarks below)
17	163, 30 respectively	1	Must be all correct
18	3	1	
19	C	1	

Item No.	Answers	Mark	Remarks
20(a)	50	1	
20(b)	$37.5 / 37\frac{1}{2}$	1	
21(a)	1.98	1	
21(b)	0.1	1	
22	600	1	
23(a)	25	1	
23(b)	The distance covered was:		
	$60 \times \frac{25}{60}$	1	Method Mark: other correct methods are also acceptable
	= 25 km	1^{*}	Answer Mark ([*] please see remarks
			below)
	OR	1^{**}	Presentation Mark (^{**} please see
			remarks below)
	$60 \times (answer of part (a) \div 60)$		
	= 25 km		
24(a)	A straight line joining the	1	
	centre and the circumference	1	
24(b)	Acceptable range: 18-22	1	
25	D	1	
26	44	1	
27	Acceptable range: 18 cm^2 to 22 cm^2	1	
28	30	1	
29	The area of the shaded part		
	is:		
	$\frac{4 \times 6}{2}$	1	Method Mark: other correct methods are also acceptable
	$= 12 \text{ cm}^2$	1^*	Answer Mark ([*] please see remarks
		1 **	below)
			Presentation Mark (please see
20	150	1	remarks below)
21	130	1	
$\frac{31}{22(1)}$	1423	1	
32(1)	Circle pyramia	1	
- / / / /	5	1	

6ME3

Item No.	Answers	Mark	Remarks
33(a)	А, В, Н	1	Must be all correct
33(b)	C, G	1	Must be all correct
34(a)	Circle 'quadrilateral'	1	
34(b)	Circle 'a right-angled'	1	
35	2	1	
36(a)	Circle 'straight lines', 'curves', 'parallel lines'	1	Must be all correct
36(b)	Circle 'straight lines', 'parallel lines', 'perpendicular lines'	1	Must be all correct
36(c)	Circle 'curves'	1	
37(a)	Toilet, south-east / SE respectively	1	Must be all correct
37(b)(1)	Path A: ⁺ north-west / NW, Picnic Zone respectively OR Path B: ⁺ south-west / SW, Woodland respectively	1	Must be all correct ⁺ Do not accept wrong spelling
37(b)(2)	Path A:south-west / SW OR Path B: north-west / NW	1	Do not accept wrong spelling
38	В	1	
39	80	1	
40	3.2	1	
41	Let the number be x. 12x + 3 = 75 12x = 72 x = 6	1 1 [*]	Method Mark: other correct methods are also acceptable Answer Mark ([*] please see remarks
	The number is 6.	1**	below) Presentation Mark (^{**} please see remarks below)
42	10	1	
43(a)	3, 5	1	Must be all correct
43(b)	24 000	1	
43(c)	50	1	
44(a)	1 000	1	
44(b)	140	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) 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.