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Education Bureau Territory-wide System Assessment 2015 Primary 6 Mathematics

Instructions:

- 1. Stick barcode labels on pages 1, 3, 5, 7 and 9 in the spaces provided.
- 2. There are 40 questions in this test. Answer all questions.
- 3. Time allowed is 50 minutes.
- 4. Write your answers in this Question-Answer Booklet.
- 5. Do not write in the margins.
- 6. Use of calculators is not allowed.
- 7. Do your rough work on the rough work sheet provided.
- 8. Write your School Code, Class and Class Number in the boxes below.

Instructions for answering questions:

- (a) Multiple choice questions Blacken the circle next to the correct answer with an **HB pencil**. For example:
 - A A
 - O B
 - O C
 - O D

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- (b) Questions in which you are asked to "Show your working" Write your mathematical expressions, answers and statements/conclusions in the spaces provided. There is NO need to show your rough work.
- (c) Other types of questions Answer as required in the spaces provided.



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1.	Arrange the following numbers from the largest to the smallest.							
	3210 , 31002 , 10023							
	Answer:,,,(Smallest)							
2.	Which of the following groups of numbers are common factors of 22 and 33?							
	O A. 1, 2, 3							
	O B. 1, 11							
	O C. 2, 3, 11							
	O D. 66, 132							
3.	Which of the following pairs of numbers are common multiples of 16 and 24?							
	O A. 1,4							
	O B. 2,8							
	O C. 48, 96							
	O D. 80, 120							
4.	Which of the following fractions has its value nearest to 1? (Circle the answer)							
	$\frac{4}{5}$, $\frac{3}{5}$, $1\frac{2}{5}$							



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8.	Which of the following fractions is the largest? (Circle the answer)							
	$3\frac{5}{8}$, $\frac{27}{8}$, $\frac{29}{7}$							
9.	In the number 0.2589, which digit below stands for the largest value?							
	O A. '2'							
	O B. '5'							
	O C. '8'							
	O D. '9'							
10.	$50 \times (24 + 16) =$							
11.	$2\frac{4}{7} - 1\frac{6}{7} + 2\frac{1}{7} =$							
12.	$\frac{2}{7} \div 3 \times 2\frac{5}{8} = $							

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13.									
	There are three large squares in the diagram above. Each large square stands for 1.								
	Use a decimal to represent the shaded part of the diagram.								
	Answer:								
14.	0.75 + 4.08 - 2.81 =								
15.	Originally a tea set costs 309 dollars. A discount of 19% will be given if payment is made in cash. Which of the following expressions is most suitable for estimating the amount of cash paid for a tea set?								
	\bigcirc A. 300 × 80%								
	\bigcirc B. 400 \times 80%								
	\odot C. 300 × 90%								
	\bigcirc D. 400 \times 90%								





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20. The following is a calendar of February 2015.

February										
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday				
1	2	3	4	5	6	7				
8	9	10	11	12	13	14				
15	16	17	18	19	20	21				
22	23	24	25	26	27	28				

Please do not write in the margin.

 (a) The 'Drama Night' is on the last Saturday of January 2015.

It is on the _____ of _____. (day) ____ (month) .

(b) 2015 is a * common year / leap year

because February has only _____ days.

(*Circle the answer)















33. Which of the following stands for '10 minus m is divided by 4 '? A. $10 - m \div 4$ Ο \bigcirc B. $m - 10 \div 4$ \bigcirc C. $(10 - m) \div 4$ D. $(m - 10) \div 4$ Ο 34. Which of the following are equations? Write all the letters for the answer. $6 \times 8 = 12 \times 4$ A. B. 12 + x = 50C. $\frac{2B}{5} = 10$ D. 7*q* E. 2r + 6Answer: _____

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37. A number is divided by 4. The result plus 8 is equal to 12.
Find the number by *the method of solving an equation*.
(Show your working)







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