RED SWASTIKA SCHOOL

CA2

RED SWASTIKA SCHOOL

2005 CONTINUAL ASSESSMENT 2

MATHEMATICS

Name : _____ (

Class : Primary 4 / _____

Date : 23 August 2005

PART 1

20 Questions
40 Marks
Duration of Paper : 1 hour 45 minutes

Note:

1. Do not open this Booklet until you are told to do so.
2. Questions 1 - 20 are to be done on the OAS provided.
3. Read carefully the instructions given at the beginning of each part of the Booklet.
4. Do not waste time. If a question is difficult for you, go on to the next one.
5. Check your answers thoroughly and make sure you attempt every question.

Part I: Multiple-Choice Questions

Questions 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS).

(40 marks)

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1. In the number 85 841, what is the digit in the ten thousands place?

   (1) 5
   (2) 8
   (3) 3
   (4) 4

2. The number 69 099 when rounded off to the nearest hundred is _____.

   (1) 69 000
   (2) 69 100
   (3) 70 000
   (4) 70 099

3. The sum of all the factors of 12 is _____

   (1) 15
   (2) 16
   (3) 27
   (4) 28

4. Mr. Leo sold 8 watches for $25 each and 7 clocks for $35 each to David. David gave Mr. Leo a five hundred dollar note. How much change would David get?

   (1) $25
   (2) $35
   (3) $45
   (4) $55

5 Which of the following fractions is **not** an equivalent fraction of $\frac{4}{6}$?

(1) $\frac{2}{3}$

(2) $\frac{4}{8}$

(3) $\frac{6}{9}$

(4) $\frac{8}{12}$

6. Arrange the following fractions in **descending** order of their values:

$$\frac{5}{6}, \frac{7}{12}, \frac{6}{9}$$

(1) $\frac{7}{12}, \frac{6}{9}, \frac{5}{6}$

(2) $\frac{7}{12}, \frac{5}{6}, \frac{6}{9}$

(3) $\frac{5}{6}, \frac{6}{9}, \frac{7}{12}$

(4) $\frac{6}{9}, \frac{5}{6}, \frac{7}{12}$

7. Mary baked a piece of pizza and gave away $\frac{1}{2}$ of it to her friend. She then ate $\frac{1}{5}$ of the pizza for lunch and $\frac{1}{10}$ of it for dinner. What fraction of the pizza was she left with?

(1) $\frac{1}{5}$

(2) $\frac{4}{5}$

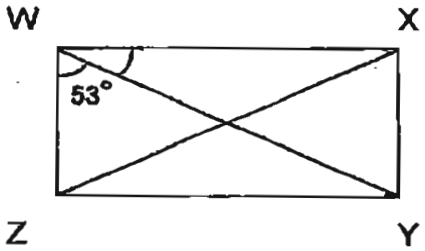
(3) $\frac{3}{10}$

(4) $\frac{7}{10}$

8. Which of the following is smaller than 90^0?

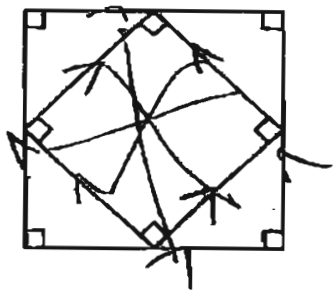
(1) (2) (3) (4)

9. In the figure below, not drawn to scale, WXYZ is a rectangle not drawn to scale. Find $\angle XWY$.



(1) 37°
(2) 45°
(3) 53°
(4) 143°

10. In the following figure, which is made up of 2 squares, how many pairs of parallel lines are there?



(1) 6
(2) 2
(3) 8
(4) 4

11. In the number 205.17, the digit 7 stands for _____.

(1) 7 hundreds
(2) 7 hundredths
(3) 7 tens
(4) 7 tenths

12. Express $90 + \frac{9}{100}$ as a decimal.

(1) 90.9
(2) 90.09
(3) 90.009
(4) 9.09

13. What is the quotient when 96.36 is divided by 6?

(1) 1.606
(2) 1.66
(3) 16.06
(4) 16.6

14. Which one of the following statements is not equal to 10.25?

(1) 4.28 + 5.97
(2) 20.05 – 9.8
(3) 82 ÷ 8
(4) 8 × 1.25

15. The total mass of 9 sacks of flour is 207.27 kg. What is the mass of 5 sacks of flour?

(1) 105.05 kg
(2) 115.15 kg
(3) 116.5 kg
(4) 151.5 kg

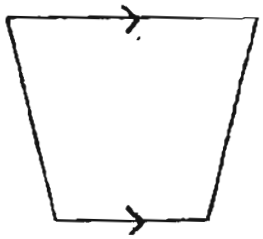
16. 215 min is equal to _____

(1) 2 h 15 min
(2) 2 h 35 min
(3) 3 h 15 min
(4) 3 h 35 min

17. What is 8 ℓ 88 ml ÷ 6?

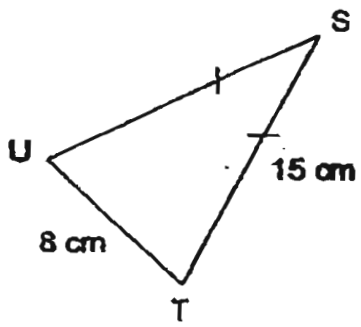
(1) 148 ml
(2) 1 ℓ 14 ml
(3) 1 ℓ 48 ml
(4) 1 ℓ 348 ml

18. In the following diagram, it is known that only its horizontal sides are parallel. What type of geometrical shape does it represent?



(1) rhombus
(2) parallelogram
(3) trapezium
(4) irregular rectangle

19. In the following figure which is not drawn to scale, what is the length of SU?



(1) 7 cm
(2) 8 cm
(3) 15 cm
(4) 23 cm

20. If the perimeter of a square is 64 cm, what is the length of one side of the square?

(1) 8 cm
(2) 16 cm
(3) 24 cm
(4) 32 cm

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2005 CONTINUAL ASSESSMENT 2

MATHEMATICS

Name : _____ ( )

Class : Primary 4 / _____

Date : 23 August 2005

PART 2

25 Questions
60 Marks

MARKS

	OBTAINED	POSSIBLE
PART 1		40
PART 2		60
TOTAL		100

Part II: Short-Answer Questions

Questions Q1 to Q20 carry 2 marks each. Write your answers in the boxes provided. Give your answer in the units stated. (40 marks)

Q1. Estimate the product of 898 and 71.

Q2. What is the difference between the fourth multiple of 8 and second multiple of 9?

Q3. Joyce exercises three times a week. She spends 2 hours each time for her exercise. How many weeks will Joyce need to reach 150 hours of exercise?

Q4. What is the smallest whole number that is more than $1\frac{1}{4}$?

8

Q5. Express $4\frac{5}{6}$ as an improper fraction.

Q6. $10\frac{1}{2} = \square + 7\frac{1}{5}$. What is the number in the box?

Q7. In a class of 42 pupils, $\frac{6}{7}$ of them wear spectacles. How many pupils do not wear spectacles?

6

The table below shows the number of visitors to four swimming pools from the year 2002 to 2004. Study it carefully and use it to answer questions Q8 and Q9.

Swimming Pool	2002	2003	2004
Big Wave	1875	1679	2002
Marine Fun	1560	1432	1766
Ocean Ride	1725	1908	1956
Water World	1509	2004	1596

Q8. Which two swimming pools attracted less than 1600 visitors in the year 2002?

Q9. Find the difference in the number of visitors between the most visited and least visited swimming pools in the year 2004.

Q10. In the word "MATH", which two letters are made up of perpendicular lines?

6

Q11. Write 8 ones, 5 tenths and 7 hundredths in numerals.

Q12. Arrange the following numbers in ascending order of their values:

3.07, 0.37, 3.71

Q13. What is the smallest whole number that can be subtracted from 9.9 such that the result is less than 4.09?

Q14. Find the value of 1 ÷ 4 and round off the answer to one decimal place.

8

Q15. Find the sum of 7.65 and 1.95 and express your answer as a mixed number in its simplest form.

Q16. Jack has $67.80. If Jill has $8.95 less than him, how much do they both have altogether?

$

Q17. How many 10¢ are there in $624.9[illegible]?

6

Q18. The width of a rectangular playground is 15 m 30 cm. If its length is 4 times as long as its width, what is the length of the playground? (Give your answer in m and cm).

m cm

Q19. A shopkeeper divides 8 kg 750 g of sugar equally into 7 packets. How much is there in each packet? (Give your answer in kg and g).

kg g

Q20. With the use of a ruler and protractor, draw an angle of 175° at point A.

A B

6

Part II: Long-Answer / Structured Questions

Questions Q21 to Q25 carry 4 marks each. Show your working clearly below each question and write your answers in the spaces provided.

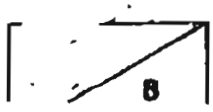
(20 marks)

Q21. Robert had \$9923 in his savings. After spending \$1045, he had \$1089 less than his brother James. How much would James have left if he spent \$1678 of his savings?

Q22 Maggie needs $1\frac{4}{5}$ m of cloth to sew a skirt. If she needs 6 m of cloth to sew 2 skirts and a dress, how much cloth will she need to sew 2 skirts and 3 dresses? (Express your answer as a fraction in its simplest form.)

Q23. John earns $600 a month. He spent $\frac{1}{3}$ of his salary to buy a bicycle and saved the rest. In that same month, Peter saved $\frac{1}{5}$ of what John saved. How much did Peter save that month?

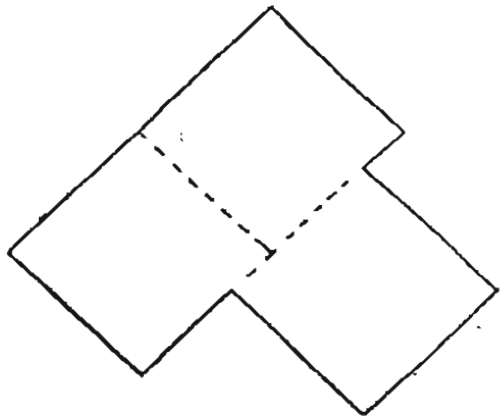
Q24. A rope is 11 m long. Jessica cuts off 2.64 m of the rope and cuts the remainder into 4 equal parts. What is the total length of 7 such pieces of rope? Round off the final answer to one decimal place.



Q25. The figure below is made up of three identical 13-cm squares.

(a) Find the area of the figure.

(b) Find the perimeter of the figure.



END OF PAPER

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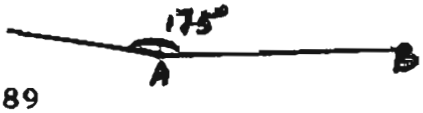
CA2

RED SWASTIKA SCHOOL
2005 CONTINUAL ASSESSMENT 2
MATHEMATICS
PRIMARY FOUR

1) 2
2) 2
3) 4
4) 4
5) 2
6) 3
7) 1
8) 4
9) 1
10) 4
11) 2
12) 2
13) 3
14) 4
15) 2
16) 4
17) 4
18) 3
19) 3
20) 2

Part II

1) 63000
2) 14
3) 25
4) 2
5) 29/6
6) 3 3/10
7) 6
8) Marine Fun
   Water World
9) 406
10) T and H
11) 8.57
12) 0.37 3.07 3.71
13) 6
14) 0.3
15) 9 3/5
16) 126.65
17) 6249
18) 61 m 20 cm
19) 1 kg 250 g
20) 

21) $ 8289
22) 10 4/5
23) $ 80
24) 14.63
25) a) 50π cm^2
    b) 104 cm

— END —