Year 5 Term 1 Test

Student Name: _____	**Grade**: _____
Date: _____	**Score**: _____

- Answer the questions in the spaces provided on the question sheets.
- If you run out of room for an answer, continue on the back of the page.
- This test has 45 questions, for a total of 100 marks.
- Do not use a calculator.
- Attempt all 45 questions.
- Time allowed: 60 minutes.

Page:	1	2	3	4	5	6	7	Total
Marks:	20	20	10	10	10	10	20	100
Score:								

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1 Year 5 Term 1 Test

Questions 1 through 10 are multiple choice questions (2 marks each).

Question 1 ..... (2 marks)

CMXLV in Hindu-arabic is:

A. 1954 B. 945 C. 954 D. 995

Question 2 ..... (2 marks)

1892 in Roman numeral is:

A. MCMLXXXII B. MDCCLXXXIIV C. MCMXCII D. MDCCCXCII

Question 3 ..... (2 marks)

Round off 65435 to the nearest hundred is:

A. 65400 B. 65430 C. 65500 D. 65440

Question 4 ..... (2 marks)

Which one is the largest?

A. 0.52 B. $\frac{1}{2}$ C. 45% D. $\frac{4}{7}$

Question 5 ..... (2 marks)

How many surfaces do a rectangular prism and a triangular prism have altogether?

A. 8 B. 9 C. 10 D. 11

Question 6 ..... (2 marks)

The sum of three consecutive numbers is 84. What is the largest number?

A. 26 B. 27 C. 28 D. 29

Question 7 ..... (2 marks)

If $\frac{2}{5}$ of a number is 78, what is the number?

A. 195 B. 168 C. 130 D. 192

Question 8 ..... (2 marks)

I think of a number, square it, halve it, triple it and I am left with 384. What was the number I first thought of?

A. 16 B. 8 C. 4 D. 32

Question 9 ..... (2 marks)

Find the number which is halfway between 13.4 and 6.8.

A. 10.01 B. 9.01 C. 10.1 D. 9.6

Question 10 ..... (2 marks)

Find the value of 0.055×10000.

A. 550 B. 5500 C. 55000 D. 55

Questions 11 through 20 are quick questions (2 marks each).

Question 11 . . . . . (2 marks)

Express 135% as an improper fraction in its simplest form.

11. _____

Question 12 . . . . . (2 marks)

How many quarters are there in $7\frac{1}{4}$?

12. _____

Question 13 . . . . . (2 marks)

Find 45% of \$260.

13. _____

Question 14 . . . . . (2 marks)

How many times is 23456.7 bigger than 0.234567?

14. _____

Question 15 . . . . . (2 marks)

Nine times a number diminished by 82 is 26. Find the number.

15. _____

Question 16 . . . . . (2 marks)

Eight times a number increased by 9 is 121. Find the number.

16. _____

Question 17 . . . . . (2 marks)

If a discount of 25% is given on an item selling for \$250, what is actually paid for the item?

17. _____

Question 18 . . . . . (2 marks)

Express 2.0125 as a fraction in its lowest term.

18. _____

Question 19 . . . . . (2 marks)

Find the next number 4, 9, 14, 19, 24, 29, . . .

19. _____

Question 20 . . . . . (2 marks)

Write the basic numeral for $4 \times 10^5 + 7 \times 10^4 + 9 \times 10^o$.

20. _____

Questions 21 through 30 are average questions (2 marks each).

Question 21 . . . . . (2 marks)

Suppose yesterday was Friday. What day of the week will it be 100 days from now?

Question 22 . . . . . (2 marks)

Find the value of $5 \times [(4 + 12) - 2 \times 6 \div 3]$

Question 23 . . . . . (2 marks)

Raymond walks 35 metres in 20 seconds. If he walks at a constant speed, how far will he walk in one and a half hours?

Question 24 . . . . . (2 marks)

Evaluate $144 \div 9 \times 4 - 48 \div 6 + 12$

Question 25 . . . . . (2 marks)

$1 \times 2 \times 3 \times 4 \times 5 \times 6 \div 5 \div 4 \div 3 \div 2 =$

Question 26 . . . . . (2 marks)

The smaller of two numbers is 11 and their sum is 33. What is the difference between the two numbers?

Question 27 . . . . . (2 marks)

6 times the square of 6 is increased by the difference of 16 and 9.

Question 28 . . . . . (2 marks)

A train leaves a station at 6:45 p.m. and arrives at its destination at 1:25 p.m. the next day. How long does it take for the journey?

Question 29 . . . . . (2 marks)

There are 500 marbles in a bag. 110 are blue, 120 are red and the rest of them are yellow and green. What percentage of the total are yellow and green?

Question 30 . . . . . (2 marks)

Jeffrey scored 76 out of 80. What percentage did he get?

Questions 31 through 40 are extension questions (2 marks each).

Question 31 ..... (2 marks)

What number added to itself equals to $\frac{1}{4}$?

Question 32 ..... (2 marks)

Evaluate $(\frac{1}{2})^2 + (\frac{1}{3})^2 + (\frac{1}{4})^2$

Question 33 ..... (2 marks)

A remote-control car uses 6 batteries every 5 hours. The batteries are sold in packs of 4. How many packs of batteries would be needed to run the car for 20 hours?

Question 34 ..... (2 marks)

Eleven years ago Bob was 11 years old. How old will he be in 22 years time?

Question 35 ..... (2 marks)

If $X \triangle Y = (X \times 2 - Y \div 2) \times 2$, find $16 \triangle 6$.

Question 36 . . . . . (2 marks)

A rectangle has an area of 247 cm^2. Find the length if the breadth is 6 cm less than the length.

Question 37 . . . . . (2 marks)

The average of 5 numbers is 9. A sixth number is added and the new average is 10. What is the sixth number?

Question 38 . . . . . (2 marks)

Find the LCM of 24, 36 and 56.

Question 39 . . . . . (2 marks)

Find the HCF of 54 and 36.

Question 40 . . . . . (2 marks)

The ratio of mass of Ken and Ben is 7:9. If Ben is 12 kg heavier than Ken, find the total mass of the two boys.

Questions 41 through 45 are challenging questions (4 marks each).

Question 41 . . . . . (4 marks)

Cathy and Mary have 342 stamps altogether. If Cathy has $\frac{1}{4}$ more stamps than Mary, find the number of stamps Cathy has.

Question 42 . . . . . (4 marks)

Ken has twice as much money as Ben. How much will Ken have to give Ben so that each of them will have $84?

Question 43 . . . . . (4 marks)

240 sweets are shared among 4 children in the ratio 2 : 4 : 6 : 8. Find the difference of the the number of sweets between the greatest and the smallest shares.

Question 44 . . . . . (4 marks)

60% of the spectators at a football match are men. 10% are girls, 15% are boys and the remaining 1200 spectators are women. Find the total number of spectators at the football match.

Question 45 . . . . . (4 marks)

Emma spends $\frac{2}{5}$ of her monthly income and saves $650. What is her yearly income?