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Devi Balika Vidyalaya - Colombo

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First Term Test - 2012

Mathematics

Grade 7

1 1/2 hour

* Answer all the questions in the given paper itself .

01) Simplify $829 \times 18 = \dots\dots\dots$

02) Write the number in digit form

Five billion twenty million five hundred thousand and seven.

.....

03) The price of a book is Rs. 29.50 find the price of three such books.

.....
.....
.....

04) Underline leap years from below mentioned list of years.
1900 , 2728 , 3100 , 1852 , 1500

05) Write the prime factors of 84

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.....
.....

06) A = { composite numbers less than 20}

List the elements of this set.

.....

07) If $x = 3$ and $y = 2$ find the value of $3x^2y$

.....
.....
.....

08) To which century does the year 1899 belong ?

.....

09) If the number 43 8 is divisible by 9 write the digit suitable for the blank

.....

10) Express the value of 2^4 as a power of another number

.....

11) What is the smallest number which is divisible by 30, 40 and 45

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.....
.....

12) Find the digital index of 3789

.....
.....

13) Fill in the blanks

$$18x^3y^2 = \dots\dots\dots X \dots\dots\dots X \ 3 \ X \ x \ X \ x \ X \ x \ X \ y \ X \ y$$

14) Simplify

1) $37.5 \div 10 = \dots\dots\dots$

2) $854.3 \times 100 = \dots\dots\dots$

15) Fill in the blanks.

1) $2 \frac{1}{5} \text{ kg} = \dots\dots\dots \text{ g}$

2) $\dots\dots\dots \text{ g} = 10 \text{ g } 500 \text{ mg}$

16) Find the L.C.M. of 24 , 36

.....
.....
.....
.....

17) If the number 52 6 is divisible by 2 and not by 4. Write all the digits suitable for the blank.

.....

* Simplify

$$\begin{array}{r} \text{18) month} \quad \text{day} \quad \text{hour} \\ 3 \quad \quad 18 \quad 14 \\ + 2 \quad \quad 22 \quad 12 \\ \hline \hline \end{array}$$

$$\begin{array}{r} \text{19) g} \quad \text{mg} \\ 5 \quad 225 \\ \times 3 \\ \hline \hline \end{array}$$

20) Write 48 as a product of prime numbers.

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Part II

* Answer all the questions in the given paper itself.

(01) i) Fill in the table given below.

Name of the plane figure	Number of axes of symmetry
Square
.....	2
circle

(2 x 3 marks)

