

DEVAMATHA CMI PUBLIC SCHOOL  
HALF YEARLY EXAMINATION 2017-2018  
MATHEMATICS

Time : 2 h.

Marks : 50

 $(\frac{1}{2} \times 10 = 5)$ 

Std. V

I Fill in the blanks :

1. Use the correct sign [ $>$ ,  $<$ ,  $=$ ] :  
 $1080957 \square 1089057$
2. Complete the pattern till it comes to its original position :  
9, -8, 6, \_\_, \_\_
3.  $40 \times \underline{\hspace{2cm}} = 1600$
4. The only even Prime Number is \_\_\_\_\_ .
5. Half of the product of 9 and 10 is \_\_\_\_\_ .
6. Sum of Place Values of 6 in 4,60,166 is \_\_\_\_\_ .
7. How many 8's are there in 8888 ?
8. The number after 10,12,999 is \_\_\_\_\_ .
9. 12,890 rounded to the nearest 1000 is \_\_\_\_\_ .
10. Roman Numeral of 52 is \_\_\_\_\_ .

II Do as directed :

 $(1 \times 10 = 10)$ 

11. Write in columns and add :  
 $76301 + 18579$
12. 601 taken away from 799 is \_\_\_\_\_
13. Build the smallest and the greatest 7- digit number using the digit 8,6,1,2,0.  
Each digit must be used atleast once and digit may be repeated.
14. Multiply :  $44 \times 40$
15. List the prime numbers upto 33.
16. Find the Average of : 8,11,14,15.
17. Write in columns and subtract  $82010 - 7854$  .
18. Make a factor tree of 36.
19. Give the answer in Roman Numerals :  $LXII + XII$ .
20. What is twice the product of 10 and 102 ?

III. Answer the following : (2x10=20)

21. Round to the nearest 1000  
a) 809706      b) 35169.
22. A school has 2346 students, of which 1148 are boys. How many girls are there in the school ?
23. Mr. Kumar bought a Computer for ₹ 17850. After a year sold at a loss of ₹ 5390. What was the selling price of the Computer ?
24. Find the Product of : 4926 X 48.
25. Divide and check : 28005 , 25
26. Find the HCF of : 36, 48 using prime factorisation.
27. Find the L.C.M, of : 25, 20 using prime factorisation.
28. An average of 12 people entered a restaurant every hour. How many people entered the restaurant over 6 hours ? [use models].
29. Circle the numbers which are :
  - a) Divisible by 4 : 56, 92, 414, 700
  - b) Divisible by 6 : 42, 120, 28, 200
  - a) Divisible by 9 : 93, 450, 702, 363.
30. Solve using Compensation :
  - a)  $99 + 67$       b)  $92 - 39$

IV Solve the following : (3x5=15)

31. Solve : 7081 x 208.
32. Find the LCM of 45,30,15 using prime factorisation.
33. 4523 chocolates have to be packed into 60 boxes. How many chocolates will be left over ?
34. A shopkeeper bought a table for ₹ 4750 and spent ₹ 560 on repairs. He sold it for ₹ 6130. What was his profit or loss ?
35. Harish's photo locker can hold 1500 photos. So far he has kept 785 photos. How much more photos can be kept in it ? [use models].

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