

KENDRIYA VIDYALAYA GACHIBOWLI, HYDERABAD
MODEL PAPER 01 FOR FA – 1 (2016 – 17)
CLASS – VI
MATHEMATICS

T.T. 1:30

M.M. 40

General Instructions:

1. All questions are compulsory.
 2. Question paper is divided into four sections: Section A contains 4 questions each carry 1 mark, Section B contains 4 questions each carry 2 marks, Section C contains 4 questions each carry 3 marks and Section D contains 4 questions each carry 4 marks.
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SECTION – A(1 marks each)

1. Write the names of number 87595762 according to Indian System of Numeration.
2. Write the predecessor of 10000.
3. Find the prime factorisation of 980.
4. Find the common factors of 20 and 28

SECTION – B(2 marks each)

5. Write in Roman Numerals (a) 69 (b) 98.
6. Write the greatest 4-digit number and express it in terms of its prime factors.
7. Place commas correctly and write the numerals:
(a) Seventy three lakh seventy five thousand three hundred seven.
(b) Seven crore fifty two lakh twenty one thousand three hundred two.
8. Find the product by suitable rearrangement:
(a) $2 \times 1768 \times 50$ (b) $4 \times 166 \times 25$

SECTION – C(3 marks each)

9. The number of sheets of paper available for making notebooks is 75,000. Each sheet makes 8 pages of a notebook. Each notebook contains 200 pages. How many notebooks can be made from the paper available?
10. A vendor supplies 32 litres of milk to a hotel in the morning and 68 litres of milk in the evening. If the milk costs Rs 15 per litre, how much money is due to the vendor per day? Why milk is good for health?
11. Using divisibility tests, determine which of following two numbers are divisible by 6:
(a) 297144 (b) 1258
12. Find the value of the following:
(a) $297 \times 17 + 297 \times 3$ (b) $54279 \times 92 + 8 \times 54279$

SECTION – D(4 marks each)

13. Find the product using suitable properties.

(a) 738×103 (b) 854×102

14. In a morning walk, three persons step off together. Their steps measure 80 cm, 85 cm and 90 cm respectively. What is the minimum distance each should walk so that all can cover the same distance in complete steps? What are the benefits of morning walk?

15. Find the least number which when divided by 12, 16, 24 and 36 leaves a remainder 7 in each case.

16. Population of Sundarnagar was 2,35,471 in the year 1991. In the year 2001 it was found to be increased by 72,958. What was the population of the city in 2001? What are the demerits of high population in India?

