

KENDRIYA VIDYALAYA GACHIBOWLI, HYDERABAD
SAMPLE PAPER 01 : PERIODIC TEST – 1 (2017 – 18)
CLASS – VI
MATHEMATICS

T.T. 1:30

M.M. 40

General Instructions:

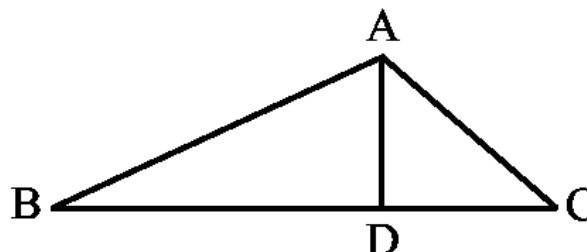
1. All questions are compulsory.
2. Question paper is divided into four sections: Section A contains 4 questions each carry 1 mark, Section B contains 4 questions each carry 2 marks, Section C contains 4 questions each carry 3 marks and Section D contains 4 questions each carry 4 marks.

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 common factors of 20 and 28
4. Find the number of right angles turned through by the hour hand of a clock when it goes from 2 to 8

SECTION – B(2 marks each)

5. Write in Roman Numerals (a) 69 (b) 98.
6. (a) Identify three triangles in the figure.
(b) Write the names of seven angles.
(c) Write the names of six line segments.
(d) Which two triangles have $\angle B$ as common?



7. Write the greatest 4-digit number and express it in terms of its prime factors.
8. How many right angles do you make if you start facing
(a) west and turn to west?
(b) south and turn to north?

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. Draw a rough sketch of a quadrilateral PQRS. Draw its diagonals. Name them. Is the meeting point of the diagonals in the interior or exterior of the quadrilateral?
11. Draw a triangular prism and write its number of faces, edges and vertices.

12. Find the value of the following by using suitable properties:

(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?

