

**KENDRIYA VIDYALAYA GACHIBOWLI, HYDERABAD**  
**SAMPLE PAPER 03 : PERIODIC TEST – 1 (2018 – 19)**  
**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 98432701 according to Indian System of Numeration.
2. Write the successor of 100199.
3. Find the HCF of 15, 25 and 30.
4. Draw any polygon and shade its interior.

**SECTION – B(2 marks each)**

5. Write in Roman Numerals (a) 73 (b) 92.
6. Draw rough diagrams of two angles such that they have  
(a) One point in common.      (b) Two points in common.
7. Write the smallest 5-digit number and express it in the form of its prime factors.
8. Find the product using suitable properties: (a)  $738 \times 103$  (b)  $854 \times 102$

**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? “Books can benefit more as it promotes reading habit of the children.” Comment
10. Draw any circle and mark (a) its centre (b) a radius (c) a diameter (d) a sector (e) a segment (f) a point in its interior
11. The school canteen charges Rs 20 for lunch and Rs 4 for milk for each day. How much money do you spend in 5 days on these things? How milk is useful to us?
12. Draw a rough figure and label suitably in each of the following cases:
  - (a) Point P lies on  $\overline{AB}$ .
  - (b)  $\overline{XY}$  and  $\overline{PQ}$  intersect at M.
  - (c) Line  $l$  contains E and F but not D.

**SECTION – D(4 marks each)**

13. Find the product using suitable properties.

- (a)  $738 \times 103$  (b)  $1005 \times 168$

14. Three tankers contain 403 litres, 434 litres and 465 litres of diesel respectively. Find the maximum capacity of a container that can measure the diesel of the three containers exact number of times.

15. Find the smallest 4-digit number which is divisible by 18, 24 and 32.

16. A bus started its journey and reached different places with a speed of 60 km/hour. The journey is shown below figure.

- (i) Find the total distance covered by the bus, if it starts from A and returns back to A.  
(ii) Find the difference of distances from C to D and D to E?

