

**KENDRIYA VIDYALAYA GACHIBOWLI , GPRA CAMPUS, HYD-32**  
**PERIODIC TEST-02 EXAM SAMPLE PAPER 03 (2018-19)**

SUBJECT: MATHEMATICS

**BLUE PRINT FOR PERIODIC TEST-02 : CLASS VI**

<b>Unit/Topic</b>	<b>VSA (1 mark)</b>	<b>Short answer (2 marks)</b>	<b>Short answer (3 marks)</b>	<b>Long answer (4 marks)</b>	<b>Total</b>
Decimals	1(1)	2(1)	3(1)	4(1)	<b>10(4)</b>
Data Handlings	1(1)	2(1)	3(1)	4(1)	<b>10(4)</b>
Mensuration	1(1)	2(1)	3(1)	4(1)	<b>10(4)</b>
Algebra	1(1)	2(1)	3(1)	4(1)	<b>10(4)</b>
<b>Total</b>	<b>4(4)</b>	<b>8(4)</b>	<b>12(4)</b>	<b>16(4)</b>	<b>40(16)</b>

**MARKING SCHEME FOR PERIODIC TEST – 02 EXAM**

<b>SECTION</b>	<b>MARKS</b>	<b>NO. OF QUESTIONS</b>	<b>TOTAL</b>
<b>VSA</b>	1	4	04
<b>SA – I</b>	2	4	08
<b>SA – II</b>	3	4	12
<b>LA</b>	4	4	16
<b>GRAND TOTAL</b>			<b>40</b>

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**CLASS : VI**







**MAX. MARKS : 40**  
**DURATION : 1½ HRS**

**General Instructions:**

- (i). All questions are compulsory.
- (ii). This question paper contains **16** questions divided into four Sections A, B, C and D.
- (iii). **Section A** comprises of 4 questions of **1 mark** each. **Section B** comprises of 4 questions of **2 marks** each. **Section C** comprises of 4 questions of **3 marks** each and **Section D** comprises of 4 questions of **4 marks** each.
- (iv). Use of Calculators is not permitted

**SECTION – A**








1. Write "Two ones and five-tenths" as decimals.
2. Find the side of the square whose perimeter is 20 m.
3. If there are 50 mangoes in a box, how will you write the total number of mangoes in terms of the number of boxes? (Use  $x$  for the number of boxes.)
4. A survey was carried out on 30 students of class VI in a school. Data about the different modes of transport used by them to travel to school was displayed as pictograph.

Modes of travelling	Number of students	 - 1 Student
Private car		
Public bus		
School bus		
Cycle		
Walking		

Find the number of students coming by private car

**SECTION – B**

5. A farmer has a rectangular field of length and breadth 240 m and 180 m respectively. He wants to fence it with 3 rounds of rope. What is the total length of rope he must use?
6. Give expressions in the following cases.  
(a) 5 times  $y$  to which 3 is added (b) 5 times  $y$  from which 3 is subtracted
7. Express as km using decimals: (a) 8 m (b) 70 km 5 m
8. Following is the pictograph of the number of Maruti Van manufactured by a factory in a particular week.

Days	Number of Maruti Van manufactured	 = 200 Maruti Vans
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		
Saturday		

- (a) On which day were the least number of Maruti Van manufactured?  
 (b) On which day were the maximum number of Maruti Van manufactured?

### SECTION – C

9. Namita travels 20 km 50 m every day. Out of this she travels 10 km 200 m by bus and the rest by auto. How much distance does she travel by auto?
10. Samson travelled 5 km 52 m by bus, 2 km 265 m by car and the rest 1km 30 m he walked. How much distance did he travel in all?
11. A rectangular box has height  $h$  cm. Its length is 5 times the height and breadth is 10 cm less than the length. Express the length and the breadth of the box in terms of the height.
12. Catherine threw a dice 40 times and noted the number appearing each time as shown below :

1	3	5	6	6	3	5	4	1	6
2	5	3	4	6	1	5	5	6	1
1	2	2	3	5	2	4	5	5	6
5	1	6	2	3	5	2	4	1	5

Make a table and enter the data using tally marks. Find the number that appeared.

- (a) The minimum number of times  
 (b) The maximum number of times

### SECTION – D

13. (a) Subtract  
 (i) Rs 18.25 from Rs 20.75                      (ii) 202.54 m from 250 m  
 (b) Find the sum:  
 (i)  $0.007 + 8.5 + 30.08$                       (ii)  $15 + 0.632 + 13.8$
14. Bob wants to cover the floor of a room 3 m wide and 4 m long by squared tiles. If each square tile is of side 0.5 m, then find the number of tiles required to cover the floor of the room.
15. Complete the table and by inspection of the table find the solution to the equation  $m - 7 = 3$ .

m	7	8	9	10	11	12
$m - 7$						

16. Following table shows the monthly expenditure of Imran's family on various items.

Items	Expenditure (in Rs)
House rent	3000
Food	3400
Education	800
Electricity	400
Transport	600
Miscellaneous	1200

Represent this data in the form of a bar diagram by choosing a suitable scale.

