

KENDRIYA VIDYALAYA SANGATHAN, HYDERABAD REGION
PERIODIC TEST-02 EXAM SAMPLE PAPER 02 (2017-18)

SUBJECT: MATHEMATICS

BLUE PRINT FOR PERIODIC TEST-02 : CLASS VI

Unit/Topic	VSA (1 mark)	Short answer (2 marks)	Short answer (3 marks)	Long answer (4 marks)	Total
Knowing our Numbers	1(1)	--	--	--	1(1)
Whole Numbers	1(1)	--	--	--	1(1)
Playing with numbers	--	2(1)	--	--	2(1)
Basic Geometric Ideas	1(1)	--	--	--	1(1)
Understanding Elementary ideas	1(1)	--	--	--	1(1)
Integers	--	2(1)	--	--	2(1)
Fractions	--	2(1)	--	--	2(1)
Decimals	--	2(1)	--	--	2(1)
Data Handlings	--	--	3(1)	4(1)	7(2)
Mensuration	--	--	3(1)	4(1)	7(2)
Algebra	--	--	3(1)	4(1)	7(2)
Ratio and Proportion	--	--	3(1)	4(1)	7(2)
Total	4(4)	8(4)	12(4)	16(4)	40(16)

MARKING SCHEME FOR PERIODIC TEST – 02 EXAM

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

KENDRIYA VIDYALAYA SANGATHAN, HYDERABAD REGION
PERIODIC TEST-02 EXAM SAMPLE PAPER 02 (2017-18)

SUBJECT: MATHEMATICS
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 the successor of 1099999.
2. Place commas correctly and write the numerals:
Seventy three lakh seventy five thousand three hundred seven.
3. Draw a rough figure of Point P lies on \overline{AB} .
4. Which number will we reach if we move 5 numbers to the left of 1.

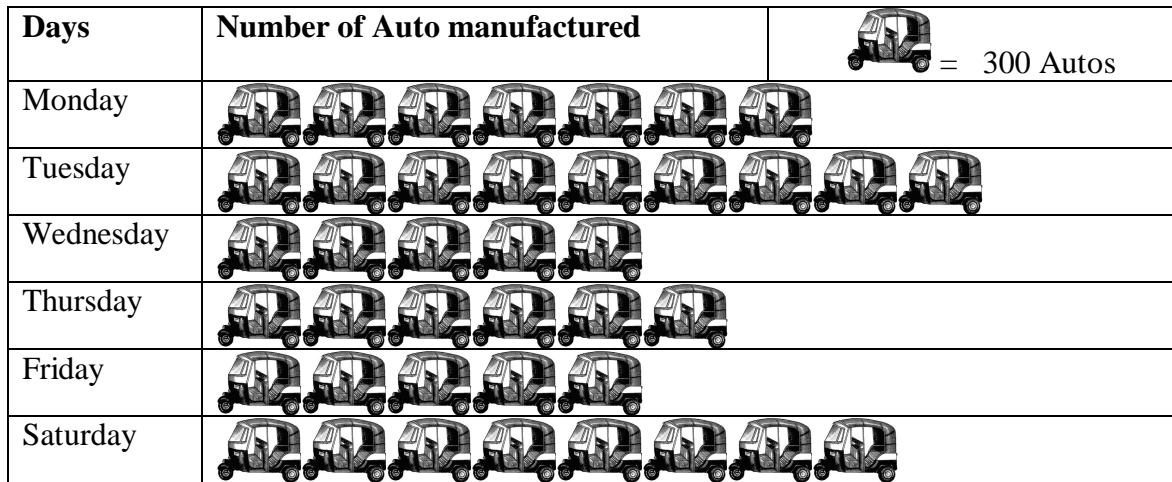
SECTION – B

5. Find the HCF of 20, 28 and 36.
6. Represent the following numbers on a number line :
(a) + 4 (b) – 8
7. Express as km using decimals.
(a) 88 m (b) 70 km 5 m
8. Subtract $1\frac{1}{4}$ from $6\frac{1}{2}$

SECTION – C

9. Find the cost of fencing a rectangular park of length 175 m and breadth 125 m at the rate of Rs 12 per metre.
10. Cost of 105 envelopes is Rs 35. How many envelopes can be purchased for Rs 10?
11. Give expressions in the following cases:
(a) 12 subtracted from z
(b) n multiplied by 2 and 1 subtracted from the product
(c) y multiplied by 10 and then 7 added to the product

12. Following is the pictograph of the number of Auto manufactured by a factory in a particular week.



- (a) On which day were the least number of Auto manufactured?
- (b) On which day were the maximum number of Auto manufactured?
- (c) Find out the approximate number of Auto manufactured in the particular week?

SECTION – D

13. Following table shows the number of bicycles manufactured in a factory during the years 1998 to 2002. Illustrate this data using a bar graph. Choose a scale of your choice.

Years	Number of bicycles manufactured
1998	800
1999	600
2000	900
2001	1100
2002	1200

- (a) In which year were the maximum number of bicycles manufactured?
- (b) In which year were the minimum number of bicycles manufactured?

14. Present age of father is 42 years and that of his son is 14 years. Find the ratio of

- (a) Present age of father to the present age of son.
- (b) Age of the father to the age of son, when son was 12 years old.
- (c) Age of father after 10 years to the age of son after 10 years.
- (d) Age of father to the age of son when father was 30 years old.

15. How many tiles whose length and breadth are 12 cm and 5 cm respectively will be needed to fit in a rectangular region whose length and breadth are respectively: (a) 100 cm and 144 cm (b) 70 cm and 36 cm.

16. Complete the table and by inspection of the table find the solution to the equation $m + 10 = 16$.

m	1	2	3	4	5	6	7	8	9
m + 10									