

KENDRIYA VIDYALAYA SANGATHAN, HYDERABAD REGION
PERIODIC TEST-02 EXAM SAMPLE PAPER 03 (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

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MAX. MARKS : 40

CLASS : VI

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
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SECTION – A

1. Write the Roman Numerals of number 53.
2. Write the successor of 100199.
3. Draw a rough figure of lines \overline{XY} and \overline{PQ} intersect at M.
4. What is the measure of $\frac{3}{4}$ of a revolution?








SECTION – B

5. Find the HCF of 15, 25 and 30.
6. Solve: $\frac{1}{2} + \frac{1}{3} + \frac{1}{6}$
7. 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?
8. Represent the following numbers on a number line : (a) + 3 (b) – 9

SECTION – C

9. In a year, Seema earns Rs 1,50,000 and saves Rs 50,000. Find the ratio of
 - (a) Money that Seema earns to the money she saves.
 - (b) Money that she saves to the money she spends.
10. Sweety runs around a square park of side 75 m. Bulbul runs around a rectangular park with length 60 m and breadth 45 m. Who covers less distance?
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. 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 – D

13. 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

To represent this data in the form of a bar diagram, here are the steps.

- (a) Draw two perpendicular lines, one vertical and one horizontal.
 (b) Along the horizontal line, mark the ‘items’ and along the vertical line, mark the corresponding expenditure.
14. Cost of 5 kg of wheat is Rs 30.50.
 (a) What will be the cost of 8 kg of wheat?
 (b) What quantity of wheat can be purchased in Rs 61?
15. 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.
16. 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
$m - 7$						