



INDIAN SCHOOL DARSAIT
SAMPLE PAPER II, FEBRUARY 2018
MATHEMATICS



Class: VI

Max. Marks: 80


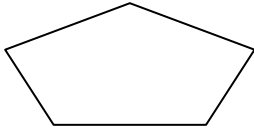
Date:

Time: 3 hours

General Instructions:

- (i) All questions are compulsory.
(ii) Calculations should be shown in a working column on the right hand side.

Section – A (Each question carries 1 mark)		
1	Compare the decimals using $<$, $>$, or $=$ sign i) $3.4 \square 3.44$ ii) $5.09 \square 5.90$	1
2	Find the sum of 200, -320 and 156	1
3	15 added to the smallest whole number gives _____	1
4	Find the equivalent fraction of $\frac{3}{4}$ having denominator 16	1
5	Find a) $20 - (4)$ b) $-(15) - (12)$	
6	Fill in the blank. Name the property of whole numbers used. $21 + 43 = \underline{\quad} + 21$	1
Section – B (Each question carries 2 marks)		
7	Find the product using suitable property 354×102	2

8	Write the algebraic expression for the given statements a) p multiplied by 5 and the product subtracted from 10 b) r divided by 10 and 4 added to it.	
9	Draw the lines of symmetry for the given figure a)  b) 	2
10	Write the statement for the following algebraic expression a) $12 - 3y$ b) $-5z + 24$	2
11	Arun bought a shirt for Rs 350 and pants for Rs 450. How much amount will he pay if he bought 2 shirts and 2 pants?	2
12	How many lines of symmetry does an equilateral triangle have? Show using a rough figure.	2
Section-C (Each question carries 3 marks)		
13	Find the value of a) $4\frac{2}{3} + 3\frac{1}{4}$ b) $\frac{3}{5} - \frac{7}{20}$	3
14	Suman bought 2.650 kg of apples and 1.375 kg of cherries. Find the total weight of fruits she bought.	3
15	A tile measures 10 cm by 10 cm. How many such tiles will be required to cover a wall 4 m by 2.5 m?	3
16	Draw a line segment of length 12.4 cm. Divide it into 4 equal parts.	3
17	a) Add: $245.03 + 35.6 + 2$ b) Subtract 0.592 Kg from 2.4 kg	3
18	The length of a rectangle is 4 cm more than 2 times its breadth. Find the length if the breadth is y cm. Find the length when the breadth is 5 cm.	3

19	Construct a right angle using compass and find its line of symmetry. Measure each angle formed.	3
20	Divide Rs 60 in the ratio 2:3 between Amal and Allen.	3
21	The length of a hall is 45 m and its breadth is 30 m. What is the ratio of its length to its perimeter?	3
22	Find the value of $\frac{2}{3} + \frac{3}{4} + \frac{1}{5}$. Write your answer as a mixed fraction.	3
Section-D (Each question carries 4 marks)		
23	Harris painted $\frac{6}{8}$ and Pradeep painted $\frac{7}{10}$ of a wall around the school garden. Who painted more and by how much?	4
24	Geeta walks around a square park 4 times. If the side of the park measures 150 m, how much distance does she cover?	4
25	Check whether the following pair of ratios are in proportion. 4000 paise : 16 rupees and 2.4 cm : 0.096 m	4
26	Draw an angle of measure 140 degree and divide it into two equal parts. Measure each angle.	4
27	Cost of 105 envelopes is Rs 35. How many envelopes can be purchased for Rs 10?	4
28	The dimensions of a rectangular playground are 24 m x 18 m. It has to be covered with a synthetic turf which costs Rs .700 per square metre. What is the total cost of covering the field with the turf?	4
29	Mrs Soni bought $\frac{15}{2}$ litres of milk. Out of this $\frac{23}{4}$ litres was consumed. How much milk is left over?	
30	Madan walked 3 km 550 m and used a bicycle for 4 km 850 m. He still has 3 km 450 m of distance to cover. What is the total distance that he has to travel?	