

Model Test Paper – 2021-2022

DATE: _____

Max. Marks: 25

MATHEMATICS

Time: 30 minutes

Q-1 Fill in blanks.

(2)

- a) Area of a square of side 4cm = _____ cm^2
b) Place value of 5 in 34251 = _____
c) Fifth multiple of 13 is = _____
d) Perimeter of a pentagon of side 4cm = _____ cm

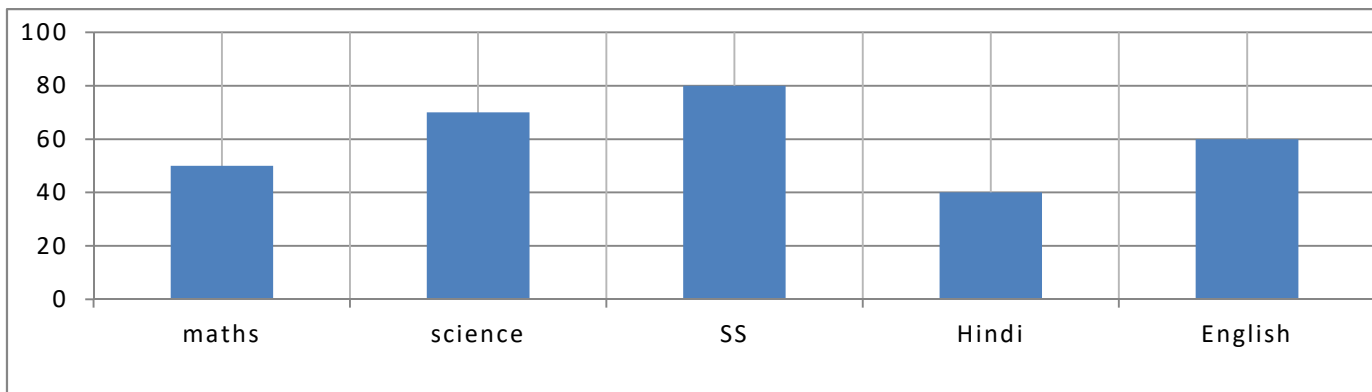
Q-2 Complete the following number patterns.

(2)

- a) 36, 31, 26, 21, 16, _____, _____
b) $(9 - 1) \div 8 = 1$
 $(98 - 2) \div 8 = 12$
 $(987 - 3) \div 8 = 123$
 $(9876 - 4) \div 8 = \underline{\hspace{2cm}}$
 $(98765 - 5) \div 8 = \underline{\hspace{2cm}}$

Q-3 The graph given below shows the marks obtained by Devangi out of 100 in exam. Study the graph and answer the questions that follow.

(3)



a) Find the average marks scored by her.

b) In which subjects did she score below average marks?

c) Find the difference between highest and lowest marks.

Q-4 Do as directed.

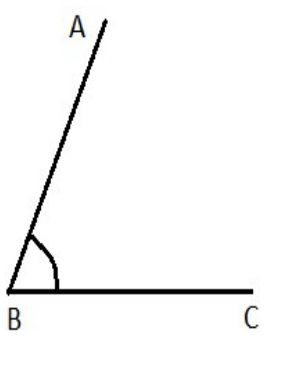
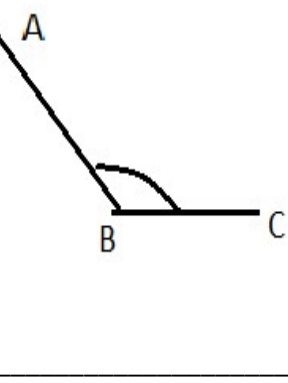
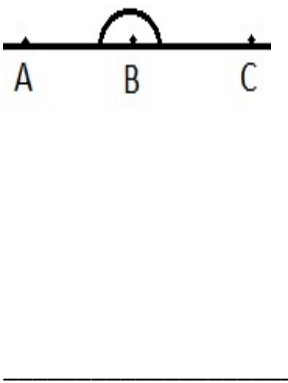
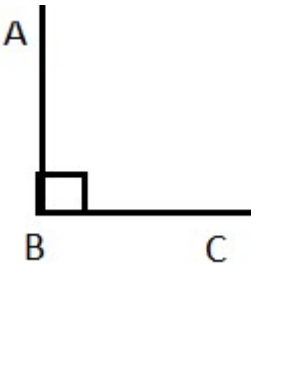
a) Write greatest and smallest 4-digit numbers using the following numbers. (2)

5, 8, 3, 2

Also write difference between these greatest and smallest numbers.

b) A pen factory can make 48 pens in one minute. How many pens will be made in one hour? (2)

c) Write types of the following angles. (2)

<p>1)</p>  <p>_____</p>	<p>2)</p>  <p>_____</p>	<p>3)</p>  <p>_____</p>	<p>4)</p>  <p>_____</p>
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d) Add. (2)

<p>(i) $7\text{kg } 480\text{g} + 9\text{kg } 730\text{g}$</p>	<p>(ii) $48\text{km } 700\text{m} + 39\text{km } 125\text{m}$</p>
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e) Convert:

(2)

- (i) $5\text{ l} = \underline{\hspace{2cm}}\text{ ml}$
- (ii) $65\text{ km} = \underline{\hspace{2cm}}\text{ m}$
- (iii) $2\text{ hours} = \underline{\hspace{2cm}}\text{ minutes}$
- (iv) $6\text{ rupees} = \underline{\hspace{2cm}}\text{ paise}$

f) Solve the following.

(2)

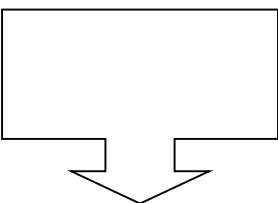
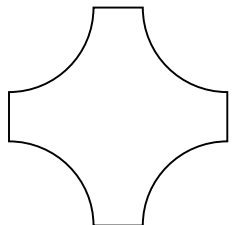
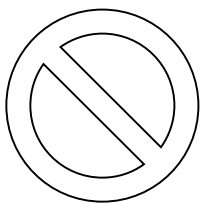
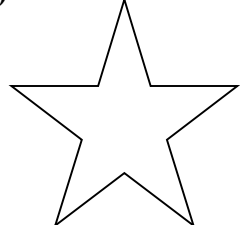
(i) $\frac{16}{5} + \frac{4}{7}$	(ii) $\frac{13}{4} - \frac{8}{3}$
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g) Find the volume of the water tank of length **16m**, breadth **15m** and height **22m**.

(2)

h) How many lines of symmetry in the following figures.

(2)

(i)  <hr/>	(ii)  <hr/>	(iii)  <hr/>	(iii)  <hr/>
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i) Find first three common multiples of 8 and 12.

(1)

j) Draw top view of the following figure.

(1)

