

TERM 3
Model Question Paper 3 T3
6th Standard

Maths

Reg.No. :

I. Answer all the questions.

II. Use blue pen only.

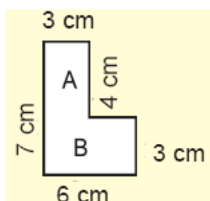
Time : 01:40:00 Hrs

Total Marks : 76

Part-A

14 x 2 = 28

- 1) Find the perimeter of a square whose side is 20 cm.
- 2) Find the area of the following right triangle.
- 3) Find the area of the following shape.



- 4) Write the type of triangle, based on their sides
 - (i) In $\triangle ABC$, $AB = 7$ cm, $BC = 8$ cm, $CA = 6$ cm
 - (ii) In $\triangle PQR$, $PQ = 5$ cm, $QR = 4$ cm, $PR = 4$ cm
- 5) Can a triangle be drawn using measurements 4 cm, 10 cm and 5 cm? Give reason
- 6) Determine the kind of triangle if the three angles are
 - (i) $60^\circ, 45^\circ, 75^\circ$ (ii) $20^\circ, 90^\circ, 70^\circ$ (iii) $104^\circ, 35^\circ, 41^\circ$
- 7) Can we draw a triangle with angles $30^\circ, 80^\circ, 85^\circ$?
- 8) Can $100^\circ, 120^\circ$ be any two angles of a triangle?
- 9) Using a set square and a ruler construct a line perpendicular to given line at a point on it.
- 10) Using a set square and a ruler draw a line perpendicular to the given line through a point above it.
- 11) Using a set square and a ruler draw a line parallel to a given line through a point at a distance of 5cm above it.
- 12) Information was collected from 20 students of a class regarding competitions they like to participate

No. of student	competitions	No. of the student	Competitions	No. of the student	competitions	no. of the student	Competitions
1	Cricket	6	kabadi	11	Ball Badminton	16	Ball Badminton
2	kabadi	7	Cricket	12	Kabadi	17	Football
3	Football	8	Cricket	13	Football	18	Ball Badminton
4	Football	9	kabadi	14	Ball Badminton	19	Ball Badminton
5	kabadi	10	football	15	kabadi	20	Football

Tabulate the above information using tally mark

- 13) The classified data of the number of students who were absent in a class room in a particular week is given.

If each student is denoted by a tally mark, answer the following

Days	No. of students (tally marks)
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

How many students were absent on each day of the week?

- 14) The classified data of the number of students who were absent in a class room in a particular week is given.

If each student is denoted by a tally mark, answer the following

Days	No. of students (tally marks)
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

Which day had maximum number of absentees?

Part-B

- 15) List the integers between the given number using number line

-2,2

- 16) Answer the following using number line.

What is the number when we move 3 units right of -2?

- 17) Answer the following using number line.

What is the number when we move 7 units leftward from 3?

- 18) Answer the following using number line.

How many units are to be moved from 5 to reach -3?

- 19) Answer the following using number line.

How many units are to be moved from -6 to reach -1?

- 20) Add using number line :

$8+(-4)$

- 21) Add using number line :

$(-1)+(-9)$

- 22) Add using number line :

$(-5)+(7)$

- 23) Add using number line :

$3+(-6)$

- 24) Add using number line :

$(+4)+(-7)$

- 25) Find using number line :

What is the number 4 more than -3?

- 26) Find using number line :

What is the number 3 less than -7?

- 27) Add :

$(-10)+(+17)$

- 28) Add :

$(+20)+(-13)$

- 29) Add :

$(-50)+(-20)$

- 30) Add :

$(+40)+(+70)$

