

# St. Ursula Girls' High School & Jr. College Nagpur

## Final Examination 2020

Time : 2.00 hr.)

Class : V Subject : Maths

(Marks : 40

Section : A+B+C+D+E

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**Q. 1 (A) Choose the correct alternative for each of the following questions (4)**

1. Name a number which is square as well as triangular number  
a) 36                      b) 25                      c) 16                      d) 64
2. If 4 is first square number which is the tenth one?  
a) 111                      b) 121                      c) 130                      d) 125
3. The sum of the lengths of all the sides of a figure is called its \_\_\_\_\_  
a) area                      b) cube                      c) perimeter                      d) square
4. The area of a rectangle = \_\_\_\_\_  
a) length of a side x length of a side  
b) 2 x length + 2 x breadth  
c) 4 x length of one side  
d) length x breadth

**B) Solve the following : (any -4) (4)**

- 1) Write the factors of the following numbers :  
a) 14                      b) 10
- 2) Write the following mixed fractions in decimal form :  
a)  $5\frac{3}{10}$                       b)  $4\frac{53}{100}$
- 3) Subtract :-  $63.4 - 31.8$
- 4) How much wire will be needed to make a rectangle 7cm long and 4 cm wide?
- 5) Add the following.  
2 hours 30 minutes + 4 hours 55 minutes

**Q. 2 A) Perform any two activities of the following :- (4)**

- 1) Write the time shown in each clock in the box given below it.



2) The first column shows a structure made of blocks. The other columns show different views of the structure in two dimensions. Say whether each view is from the front from a side or from above.

	Block formations	View of formations		
(1)				
(2)				

3) Fill in the blanks in the expression with the proper numbers.

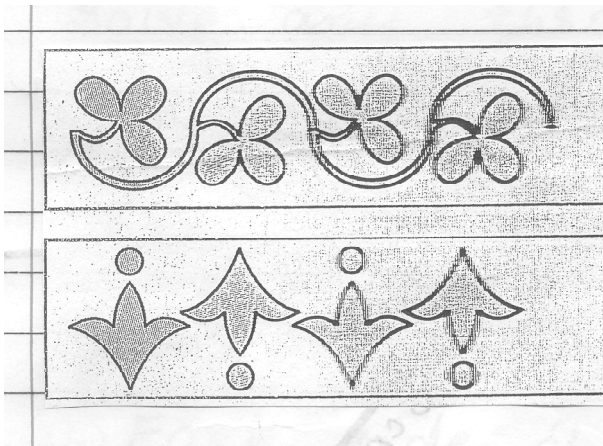
a)  $(1 \times 7) = (\square \times 1)$

v)  $(5 \times 4) > (7 \times \square)$

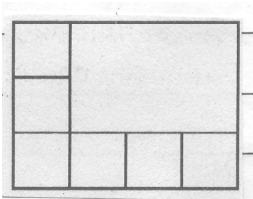
B) Solve any two of the following :-

(4)

1) Note the pattern and complete the design.



2) The picture alongside shows some squares.  
Find out how many squares with the same measures will fit in the empty space in the figure.



3) If the number given in the table is divisible by the given divisor, put ✓ in the box. If it is not divisible by the divisor, put X in the box.

Divisor \ Number	2	5	10
15	X	✓	X
30			
34			

**Q III Solve any four of the following :**

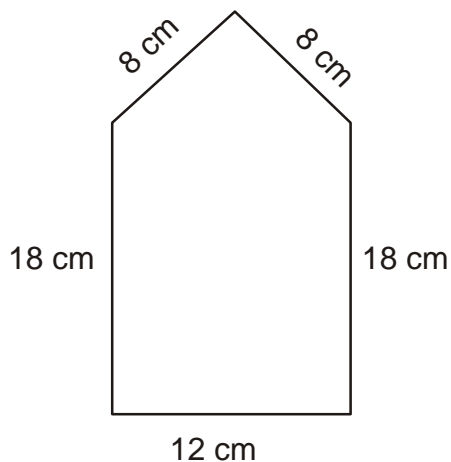
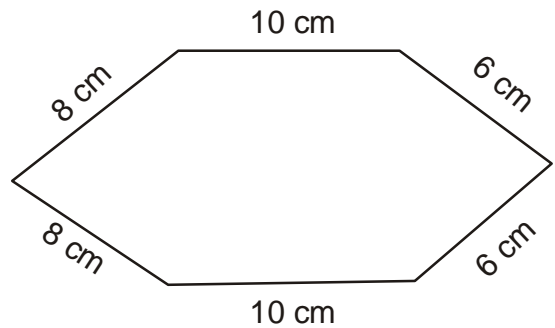
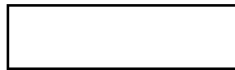
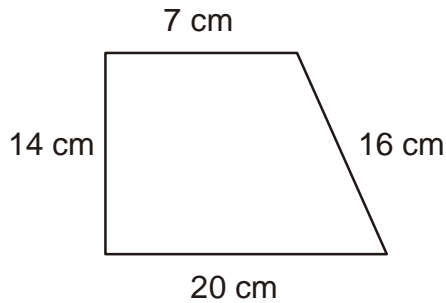
**(12)**

- 1) The length of the side of each square is given below. Find its area.

a) 12 metres

b) 6 cm

- 2) Write the perimeter of each figure in the box given below it.



- 3) For his birthday, Ajay gave 20l 450 ml of milk to the children in an Ashramshala and 28l 800 ml to the children in an orphanage. How much milk did Ajay donate?

**4) Subtrct :-**

a)  $\frac{8}{10} - \frac{1}{20}$

b)  $\frac{3}{4} - \frac{1}{2}$

- 5) Write how many metres and how many centimetres.

a) 58.75 m

d) 1.62 m

b) 9.30 m

e) 91.4 m

c) 0.30 m

f) 7.02 m

- 6) Add :- 1) 51.4cm + 68.5 cm

2) 94.7 m + 1738.45 m

**Q.IV Solve any three of the following :-**

**(12)**

- 1) a) If the cost of 1 sqm of a plot of land is 900 rupees, find the total cost of a plot of land that is 25 m long and 20 m broad.

b) Each side of a square is 5 cm long. Find its perimeter.

2) a) Add :- Rs. 9, 50 paise + Rs. 14,60 paise

b) Subtract :- 40km 255 m - 17km 960 m

1) **Stocks of various types of grains stored in a warehouse are as given below. Make a pictograph based on the information given.**

Grain	Sacks
Rice	40
Wheat	56
Bajra	8
Jowar	32

4) **Write the proper symbols from <, >, = in the box.**

a)  $\frac{10}{11}$    $\frac{10}{13}$

c)  $\frac{3}{8}$    $\frac{2}{8}$

b)  $\frac{4}{7}$    $\frac{4}{11}$

d)  $\frac{2}{11}$    $\frac{10}{11}$

