

Directorate of Education, GNCT of Delhi
Annual Examination Practice Paper
Session: (2025-26)
Class: IV
Subject: Mathematics

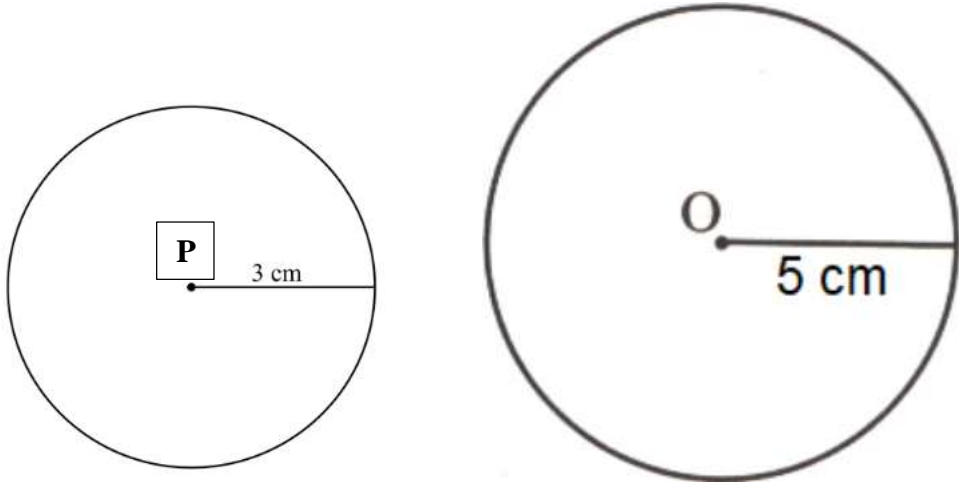
Duration: 2 hours

Maximum Marks: 50

General Instructions:

1. All questions are compulsory.
2. There are three sections viz. Section -A, section- B and Section-C.
3. The number of marks carried by each question is indicated against it.

Section A

1.	<p>Read the following situation:</p> <p>Anisha and her friend Varun are making wheels for their model carts using cardboard. Anisha draws a circle for her wheel using a compass. She measures the distance from the center of the circle to its edge (the radius) and finds it is 3 cm. Varun makes a larger wheel, and the radius of his wheel is 5 cm. They want to find out which wheel will cover a longer distance on the floor when it completes one full rotation.</p> <div style="text-align: center;"></div> <p>On the basis of this information, choose the correct option.</p> <p>1) What is the radius of Anisha's circle?</p> <div style="background-color: #f0f0f0; padding: 5px;"><p>a) 2 cm</p><p>b) 3 cm</p></div>	(4x2=8)
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	<p>c) 5 cm d) 7 cm</p> <p>2) Which object most likely has same shape as Varun's circle?</p> <p>a) Birthday Cap b) Coin c) Bread Pakoda d) Table top</p> <p>3) Whose wheel will cover a longer distance on the floor when it completes one full rotation?</p> <p>a) Anisha's wheel b) Varun's wheel c) Both wheels will cover same distance d) Both wheels will not cover any distance</p> <p>4) _____ is the center of the circle of radius 5 cm.</p> <p>a) L b) M c) N d) O</p>	
2.	<p>Read the following situation carefully.</p> <p>Kiran is helping his father on his fruitshop. They have a weighing scale and a price list for the fruits they are selling.</p> <p>Price List:</p> <ul style="list-style-type: none"> Apples: ₹ 120 per kilogram (kg) Oranges: ₹ 80 per kilogram (kg) <p>Situation:</p> <p>A customer comes to their shop and asks for:</p> <ol style="list-style-type: none"> Half a kilogram ($\frac{1}{2}$ kg) of Apples. Three-quarters of a kilogram ($\frac{3}{4}$ kg) of Oranges. <p>On the basis of this information, choose the correct option.</p> <p>1) How much will the customer pay for the apples?</p> <p>a) Rupees 50 b) Rupees 60</p>	(4x2=8)

- c) Rupees 80
- d) Rupees 120

2) How much will the customer pay for the oranges?

- a) Rupees 40
- b) Rupees 60
- c) Rupees 80
- d) Rupees 100

3) What is the total amount of money the customer has to pay to Kiran for both the apples and the oranges?

- a) Rupees 60
- b) Rupees 100
- c) Rupees 120
- d) Rupees 150

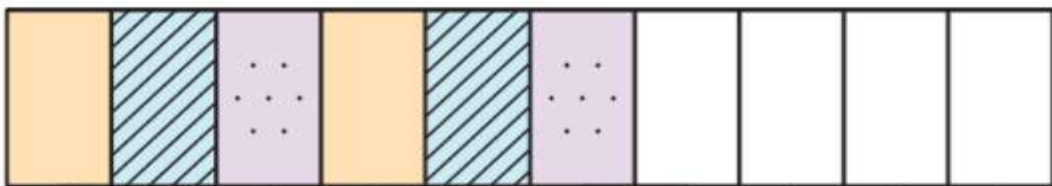
4) How many grams of oranges did the customer ask for?

- a) 100 gram
- b) 250 gram
- c) 750 gram
- d) 900 gram

3. Solve the following questions.

(4x1=4)

1) Complete the following pattern:



2) Complete the following number pattern:

45, 55, 65, 75, ____

3) Find the missing number in the sequence:

1, 3, 6, 10, 15, ____

OR

Look at the pattern below. What is the rule for this pattern?

100, 95, 90, 85, 80

4) Fill in the blank to complete the alphabet-number pattern:

Z1, Y2, X3, W4, ____

OR

If 'A' is written as 'B', 'B' is written as 'C', and 'C' is written as 'D', what is the secret code for the word 'CAB'?

Section B

4.

Fill in the blanks with the correct number or word to complete the statement.

- 1) If 35 shells are shared equally among 5 friends, each friend gets _____ shells.
- 2) From the multiplication fact $8 \times 4 = 32$, we can write the division fact $32 \div 4 =$ _____.
- 3) There are 7 days in one week. Therefore, there are 49 days in _____ weeks.
- 4) In the division sum $48 \div 6 = 8$, the number 48 is equal to $8 \times$ _____.
- 5) If you repeatedly subtract 5 from 20, you will subtract it _____ times to reach 0.

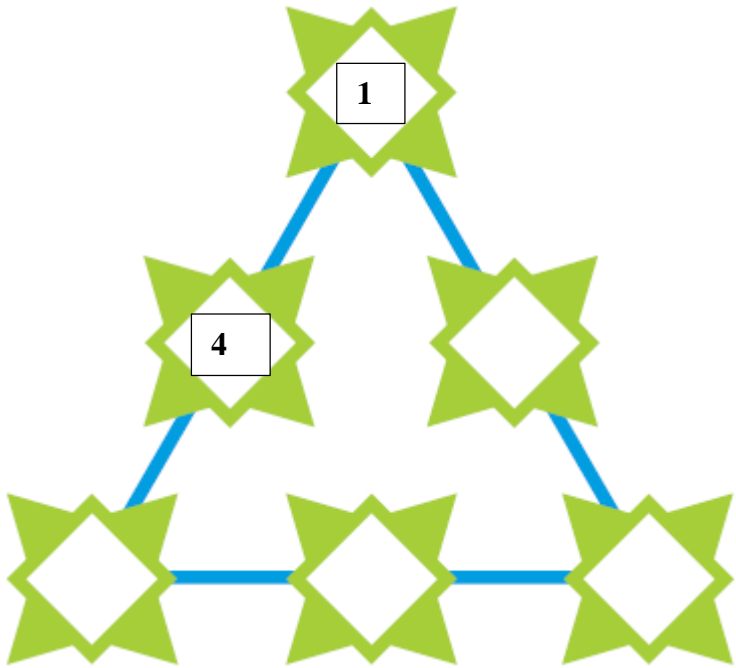
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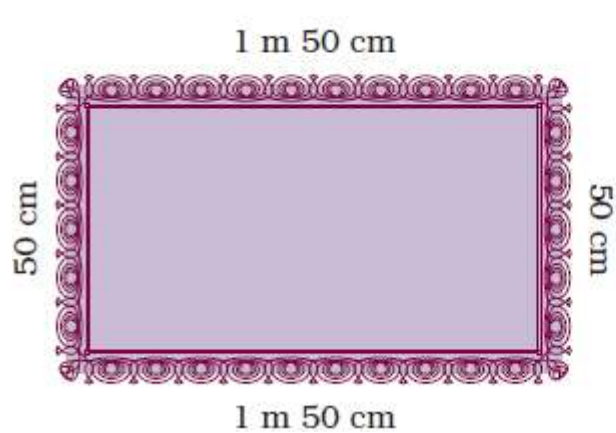
Match the following.

Column A	Column B
1) 9×6	a) 7
2) $63 \div 9$	b) 8 spiders on each leaf
3) Sharing 32 spiders on 4 leaves	c) 54
4) 11×11	d) 9
5) $81 \div 9$	e) 121

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5.	<p>Write T in the bracket for true statement and F in the bracket for false statement.</p> <ol style="list-style-type: none"> 1. A bag containing 3 kilograms of potatoes is heavier than a bag containing 2500 grams of onions. () 2. To balance a scale with a 1 kg weight on one side, you need to put exactly ten 100 g weights on the other side. () 3. If you have a pumpkin weighing 2 kg 400 g and you remove a piece that weighs 500 g, the pumpkin will now weigh more than 2 kg. () 4. The unit 'grams' (g) is generally used to measure very heavy objects, like a person's weight. () 5. If an object weighs 1500 grams, it can also be written as 1 and a half kilograms ($1\frac{1}{2}$ kg). () 	5
Section C		
6.	<p>A farmer, Ganpat, has a field with the shape and measurements shown in the diagram below. He wants to walk around the entire boundary of the field one time. What is the total distance he will walk?</p> <div data-bbox="496 936 1190 1413" data-label="Diagram"> </div>	3

7.	<p>Manpreet wants 1500 sacks of cement for making a house. A truck carries 250 sacks at a time. How many trips will the truck make?</p>	3
8.	<p>Use numbers 1 – 6 to make a magic triangle.</p> <p>Rule: Numbers on each side must add up to 10</p> 	4
9.	<p>Ganpat's wife works in a tailor's shop. She has to fix lace around a table cloth.</p> <p>She bought a 100 metre roll of lace.</p> <p>(a) Look at the picture of the table cloth and tell how much lace is used for one table cloth.</p>	5



(b) How much lace will be used in 3 such tablecloths?

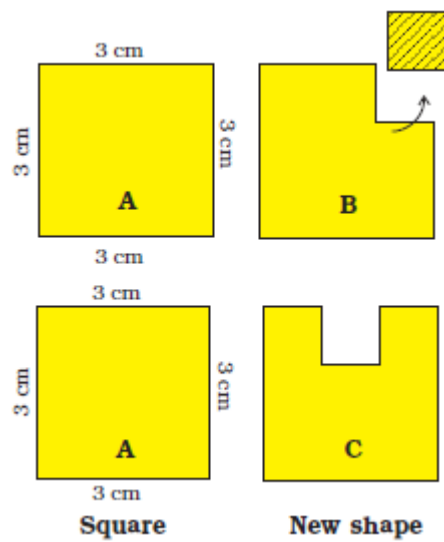
(c) How much lace will be left in the roll?

OR

A square has a boundary of 12 cm.

(a) From the corner of this square, a small square of side 1 cm is cut off. Will the boundary of B be less or more? Find its length.

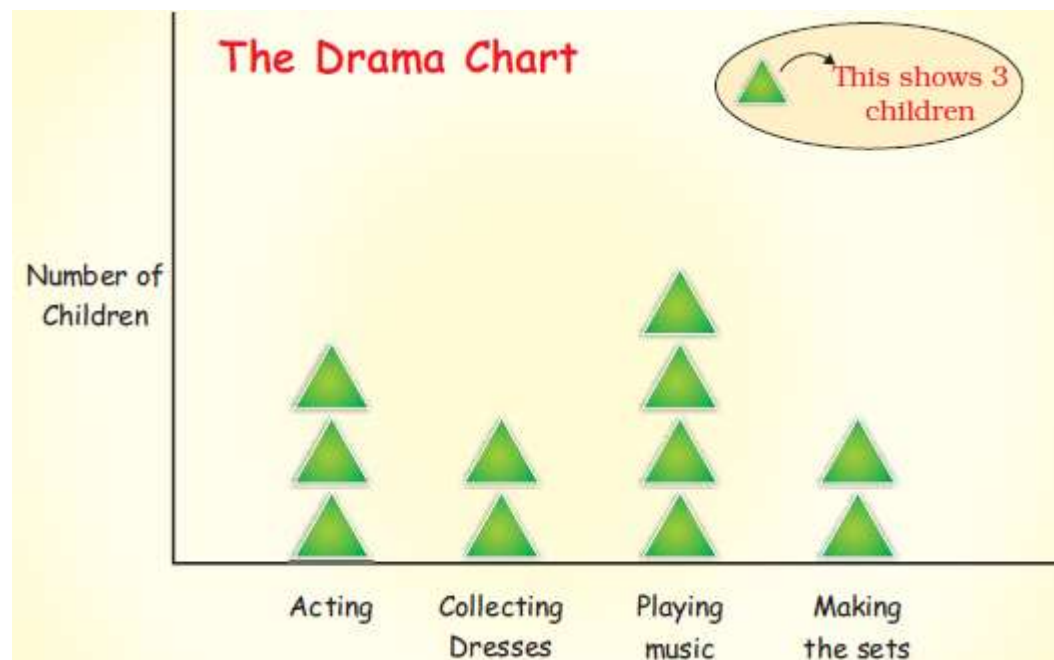
(b) If you cut a 1 cm square to get shape C, what will be the length of the boundary of C?



10.

All children in the class are getting ready for a drama. Some children are acting. Some are busy collecting dresses. Some are bringing tables and chairs to make the sets.

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(a) How many children are acting in the drama? _____

(b) Which are more – children making the sets or those acting? _____

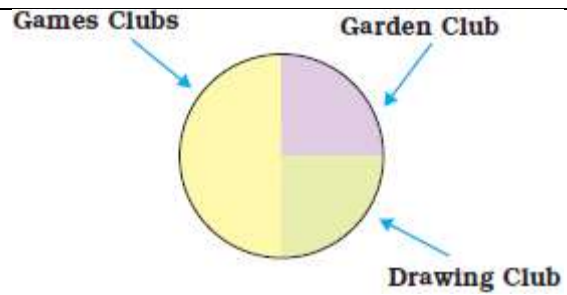
(c) What is being done by most of the children? _____

(d) How many children are collecting dresses? _____

e) What is being done by least of the children? _____

OR

The Chapati Chart shows the number of children in different clubs.



From the picture, we can see that:

- (a) Half the children in the class take part in the Games Club.
- (b) One-fourth of the children are members of the Garden Club.
- (c) The Drawing Club has one-fourth of the children in the class.

If there are 200 students in the school, look at the above Chapati Chart and tell the number of members in each club. Also write name of the clubs that have unequal number of children.