

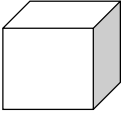
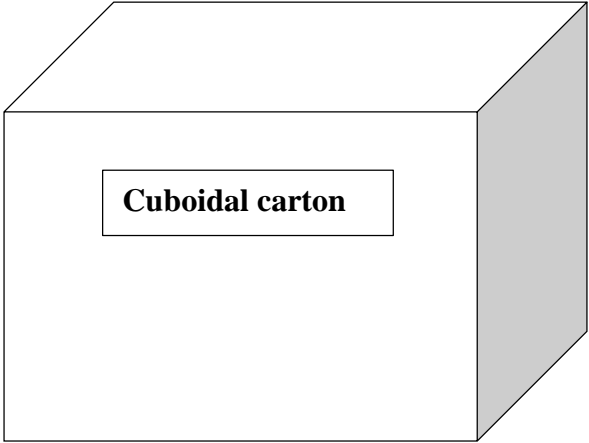
Directorate of Education, GNCT of Delhi
Annual Examination Practice Paper
Session: (2025-26)
Class: V
Subject: Mathematics

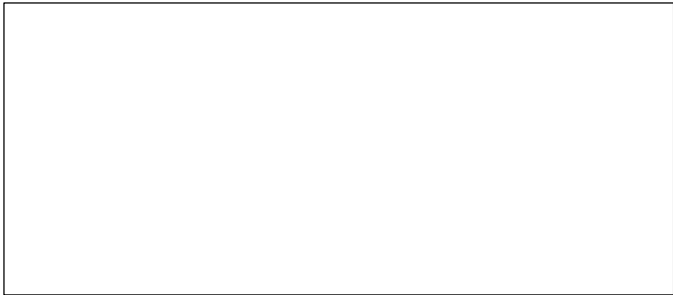
Duration: 2 hours

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>A factory makes small cubic boxes of soap with an edge of 5 cm. These small boxes are then packed into a large cuboidal carton as shown below.</p> <div><p>Cubical soap box with side 5 cm</p><p>Cuboidal carton</p></div> <p>On the basis of this information, choose the correct option.</p> <p>1) What is the volume of one small cubic soap box? (Volume of cube = side x side x side).</p> <div><p>a) 50 cubic cm</p><p>b) 125 cubic cm</p><p>c) 300 cubic cm</p><p>d) 450 cubic cm</p></div>	(4x2=8)

	<p>2) The large carton is 40 cm long, 20 cm wide, and 10 cm high. What is its volume? (Volume of cuboid = length x width x height).</p> <p>a) 70 cubic cm b) 6000 cubic cm c) 8000 cubic cm d) 8000 cubic m</p> <p>3) How many small soap boxes can be packed into the large carton?</p> <p>a) 50 b) 64 c) 100 d) 125</p> <p>4) Soap and carton are different from each other. The shape of soap is cube whereas the shape of carton is _____.</p> <p>a) cube b) cylinder c) cone d) cuboid</p>	
2.	<p>Rahul is planning to create a rectangular vegetable garden in his backyard. The layout of the garden is shown below. The garden is a rectangle with length = 15 metres and width = 10 metres as shown below.</p> <div style="text-align: center;"> <p>15 m</p>  </div> <p>On the basis of this information, choose the correct option.</p> <p>1) Rahul wants to put a fence around the garden to protect it from animals. Find the total length of the fence required.</p> <p>a) 25 m b) 50 m c) 50 cm d) 100 m</p>	(4x2=8)

2) What is the total area of the garden where Rahul can plant his vegetables?

- a) 50 square m
- b) 150 square m
- c) 300 square m
- d) 450 square m

3) If one small packet of seeds is enough for an area of 5 square metres, how many seed packets will he need for the entire garden?

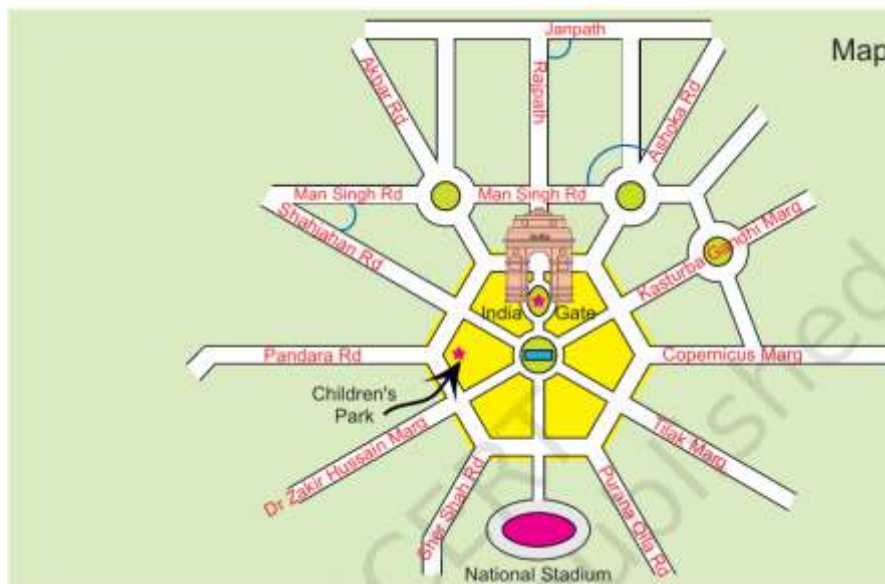
- a) 10
- b) 15
- c) 30
- d) 45

4) If the cost of one seed packet is ₹30, what will be the total cost of seeds for the garden?

- a) ₹ 100
- b) ₹ 150
- c) ₹ 300
- d) ₹ 900

3. Observe the following map carefully and answer the following questions.

(4x1=4)



1) If you are walking on Rajpath then after India Gate on which side would Childrens Park be? _____

2) What is the angle between Janpath and Rajpath? _____

OR

Name the pair of roads (any one) that make an angle less than a right angle.

3) If 4 cm on the map is equal to 2 km on the road then how many kilometres long is Rajpath? Given that Rajpath is 2 cm on this map.

OR

If 2 cm on map is 1 km on the road then 6 km road will be _____ cm on the map.

4) If you are standing at India gate looking towards National Stadium then children's Park will be in your _____ side. (left/ right)

Section B

4. Match the following:

Column A	Column B
5 paise	0.8 cm
$\frac{3}{4}$	₹ 2.50
8 mm	0.75
₹2 and 50 paise	0.09
$\frac{9}{100}$	₹ 0.05

OR

Write T in the bracket for true statement and F in the bracket for false statement.

1. The decimal form of the fraction $\frac{5}{100}$ is 0.5. ()
2. 8 millimeters (mm) is the same as 0.8 centimeters (cm). ()
3. The number 0.75 is greater than the number 0.8. ()
4. 99 paise can be written as ₹ 0.99 ()
5. When we write 12.05, the '5' represents five-tenths. ()

5

5.	<p>Fill in the blanks with the correct word from the box to complete the sentence.</p> <div data-bbox="284 208 1238 275" style="border: 1px solid black; padding: 5px; text-align: center;"> Net 6 deep squares top </div> <ol style="list-style-type: none"> 1. A flat shape that can be folded to make a 3-D object is called a _____. 2. A floor map shows the _____ view of a house. 3. A 3-D drawing that shows the length, width and height of an object is called a _____ drawing. 4. All the six faces of a cube are identical _____. 5. A cuboid has _____ faces, 12 edges and 8 vertices. 	5
Section C		
6.	<p>A shopkeeper wants to pack 1,350 juice boxes into cartons. If each carton can hold exactly 18 juice boxes, answer the following:</p> <p>(a) How many cartons will he need to pack all the boxes?</p> <p>(b) If he sells each carton for ₹900, how much money will he earn by selling all the cartons?</p>	3
7.	<p>The picture below shows the top view of a shape made by joining cubes.</p> <div data-bbox="512 1240 839 1451" style="text-align: center;"> </div> <p>(a) Draw a deep drawing (3-D view) of this shape in the space provided below.</p> <p>(b) How many cubes are needed in total to make this shape? _____</p>	3

8.	<p>A teacher asked the students of Class 5 about their favourite sport and recorded the answers as shown below. Look at the table below and answer the questions that follow.</p> <table><tr><th>Favourite Sport</th><th>Number of children</th></tr><tr><td>Cricket</td><td>14</td></tr><tr><td>Football</td><td>12</td></tr><tr><td>Badminton</td><td>09</td></tr><tr><td>Basketball</td><td>11</td></tr></table> <p>(a) How many students chose Cricket as their favourite sport? _____</p> <p>(b) Which sport is liked by the least number of students? _____</p> <p>(c) How many more students like Football than Badminton? _____</p> <p>(d) What is the total number of students who took part in this survey? Represent this number by using tally marks.</p> <p>_____</p>	Favourite Sport	Number of children	Cricket	14	Football	12	Badminton	09	Basketball	11	4
Favourite Sport	Number of children											
Cricket	14											
Football	12											
Badminton	09											
Basketball	11											
9.	<p>A large library ordered 165 new science books for its students.</p> <p>(a) If the cost of one book is ₹245, what is the total cost of all the books?</p> <p>(b) Each book has 136 pages. What is the total number of pages in all the new books combined?</p> <p>(c) If the library wants to cover all the books, and one roll of cover is enough for 15 books, how many books can be covered with 8 such rolls?</p> <p style="text-align: center;">OR</p> <p>Class 5 is going on a field trip. There are 4 sections in the class, and each section has 42 students.</p> <p>(a) The school collects ₹275 from each student for the trip expenses. What is the total amount of money collected from all the students of Class 5?</p> <p>(b) For lunch, each student will get a food box containing 12 biscuits. What is the total number of biscuits required for all the students?</p>	5										

10.	<p>Ravi went to a grocery store to buy some items. The prices of a few items are listed below.</p> <table border="1"><thead><tr><th>Item</th><th>Price</th></tr></thead><tbody><tr><td>Packet of Bis-cuits</td><td>₹ 20.50</td></tr><tr><td>One Egg</td><td>₹ 5.75</td></tr><tr><td>Soap Bar</td><td>₹ 12.25</td></tr><tr><td>Matchbox</td><td>₹ 0.50</td></tr></tbody></table> <p>Read the table and answer the following questions:</p> <p>(a) How much will two soap bars and one matchbox cost in total?</p> <p>(b) How much more does a packet of biscuits cost than one egg?</p>	Item	Price	Packet of Bis-cuits	₹ 20.50	One Egg	₹ 5.75	Soap Bar	₹ 12.25	Matchbox	₹ 0.50	5
Item	Price											
Packet of Bis-cuits	₹ 20.50											
One Egg	₹ 5.75											
Soap Bar	₹ 12.25											
Matchbox	₹ 0.50											

(c) Ravi buys one egg and gives the shopkeeper a ₹10 coin. How much change will he get back?

OR

Meera is working on her school craft project. She needs to measure, cut, and buy different materials. Help her with the following calculations.

(a) The length of a small decorative bead she is using is 8 millimeters. What is the length of the bead in centimeters?

(b) She needs to cut a piece of ribbon that is 95 centimeters long. What is this length in meters? How much this is less than 1 meter?

(c) The total cost of the glitter she bought was 15 rupees and 5 paise. How would you write this amount in decimal form (e.g., ₹ 10.50)?

(d) Meera has two rolls of tape. The red tape is 0.7 meters long and the blue tape is 0.09 meters long. Which tape is longer?

(e) At the shop, a pack of craft paper costs ₹25.50 and a pair of scissors costs ₹25.05. Which item is cheaper?
