



ITL PUBLIC SCHOOL
MIDTERM EXAMINATION (2025-26)

DATE: 15.09.25

MATHEMATICS

Class: IV Sec:___

TIME: 2 hours

M.M: 50

NAME:

Invigilator's Sign :

Roll No:

SECTION – A

1 Multiple choice questions (choose the correct answer)

a) A square pyramid has how many triangular faces?

- i) 2 ii) 3 **iii) 4** iv) 5

b) If each packet contains 12 chocolates, how many chocolates are there in 5 packets?

- i) 50 **ii) 60** iii) 72 iv) 84

c) Which of these solids has both flat and curved surfaces?

- i) **Cylinder** ii) Sphere iii) Cube iv) Cuboid

d) Which of the following is an odd number?

- i) 26 ii) 44 **iii) 53** iv) 100

e) Which solid shape does a tin can represent?

- i) Cube ii) Sphere **iii) Cylinder** iv) Cone

f) Which of the following is an obtuse angle?

- i) 50° ii) 90° **iii) 160°** iv) 180°

g) Karnataka has 6049 elephants and Kerala has 3054 elephants. How many elephants are there in total?

- i) 9003 **ii) 9103** iii) 9093 iv) 9130

h) A line that passes through the centre of a circle and touches two points on its boundary is the:

- i) Radius **ii) Diameter** iii) Chord iv) Ray

I) If each tray has 12 coconut laddoos, then 4 trays will have how many laddoos?

- i) 36 ii) 44 **iii) 48** iv) 52

j) Which of these solids has only curved surfaces?


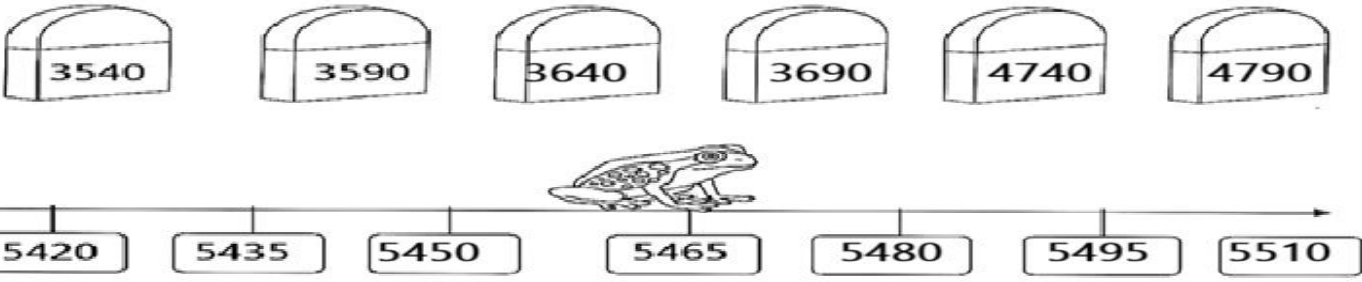
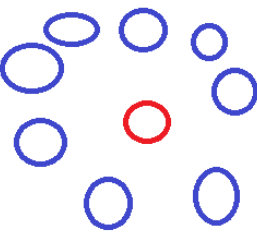
- i) **Sphere** ii) Cube iii) Cuboid iv) Pyramid

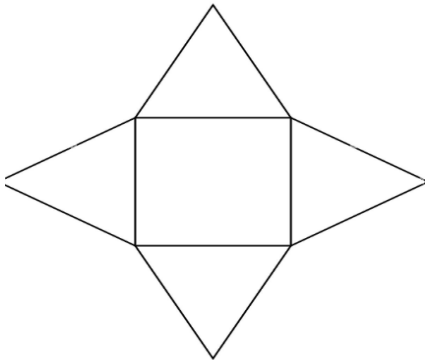
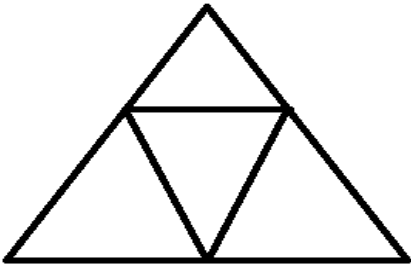
k) A company produces 2,235 mango juice bottles. If there are 500 **more** orange juice bottles than mango, how many orange juice bottles are prepared?

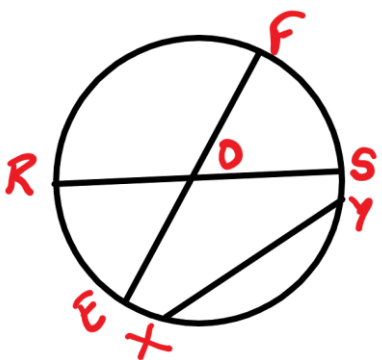
- i) 2,635 **ii) 2,735** iii) 2,835 iv) 2,335

l) Ramesh places 8 coins of ₹ 5 each in a line. How much money does he have?

- i) ₹ 20 ii) ₹ 30 **iii) ₹ 40** iv) ₹ 50

2	<p>Identify the angles in the given figure:</p> <div style="text-align: center;">  </div> <p>a) Acute angle b) Straight angle c) Right angle d) Obtuse angle</p>
3	<p>Solve:</p> <p>a) What is 58 more than 9877? $9877 + 58 = 9,935$ Hence, 9935 is 58 more than 9877</p> <p>b) Complete the pattern:</p> <div style="text-align: center;">  </div>
SECTION – B	
4	<p>Draw how to arrange 9 coins in a flower pattern</p> <div style="text-align: center;">  </div>
5	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>a) Find the sum of 51,564 ; 3,289 and 567</p> $\begin{array}{r} 51564 \\ 3289 \\ + 567 \\ \hline 55420 \end{array}$ <p>Sum = 55420</p> </div> <div style="width: 48%;"> <p>b) Subtract 3,625 from 70,000</p> $\begin{array}{r} 6999(10) \\ \cancel{70,000} \\ - 3,625 \\ \hline 66,375 \end{array}$ <p>Difference = 66375</p> </div> </div>

6	<p>Name them:</p> <p>a) A 3D shape with 6 equal square faces. Cube</p> <p>b) A solid with 5 faces: 1 square base and 4 triangular faces. Square pyramid</p> <p>c) A solid with no flat faces, no edges, and no vertices. Sphere</p> <p>d) A 3D shape with 2 triangular faces and 3 rectangular faces. Triangular prism</p>
7	<p>Draw a net of square and triangular pyramid.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Square pyramid</p> </div> <div style="text-align: center;">  <p>Triangular pyramid</p> </div> </div>
8	<p>What is 5,678 less than 62,672</p> <div style="text-align: center;"> $\begin{array}{r} \textcircled{5} \textcircled{1} \textcircled{1} \textcircled{5} \textcircled{1} \textcircled{6} \textcircled{1} \textcircled{2} \\ 62672 \\ - 5678 \\ \hline 56994 \end{array}$ </div> <p>56,994 is 5,678 less than 62,672</p>
SECTION – C	
9	<p>Ravi wants to buy 3 Kg of mangoes at ₹75 per Kg and 2 Kg of cucumbers at ₹40 per Kg. How much does he spend in total?</p> <p>Cost of 1 Kg mangoes= ₹75</p> <p>Cost of 3Kg mangoes = x 3</p> <p style="padding-left: 150px;">= ₹ 225</p> <p>Cost of 1Kg cucumber = ₹ 40</p> <p>Cost of 2Kg cucumbers = x 2</p> <p style="padding-left: 150px;">= ₹ 80</p> <p>Total amount Ravi spend = ₹ 225 + ₹ 80 = ₹ 305</p> <p>Hence, Ravi spent ₹ 305 in buying mangoes and cucumbers</p>

	Hence, Ravi spent ₹ 305
10	<p>The school canteen prepared 1320 sandwiches in the morning and 1450 sandwiches in the afternoon.</p> <p>a) How many sandwiches were prepared in total?</p> <p>No. of sandwiches prepared in morning = 1320</p> <p>No. of sandwiches prepared in afternoon = + 1450</p> <p>Total no. of sandwiches prepared = <u>2770</u></p> <p>b) If 2100 sandwiches were eaten by students, how many were left?</p> <p>Total no. of sandwiches prepared = 2770</p> <p>No. of sandwiches eaten by students = - <u>2100</u></p> <p>No. of sandwiches left = <u>670</u></p> <p>Hence, 670 sandwiches were left</p>
11	<p>Look at the figure and fill in the blanks:</p>  <p>a) O is the centre of the circle.</p> <p>b) The radii of the circle are OE, OF and OR, OS (any two out of these)</p> <p>c) The diameter of the circle EF and RS</p> <p>d) XY is the chord of the circle.</p> <p>e) If OS is of 8cm, then RS is of 16 cm</p> <p>f) If EF is of 18cm, then OF is of 9 cm</p>

12 Read the information and answer the questions

Animal	Saturday	Sunday
Lions	847	639
Tigers	514	383
Elephants	698	417

a) How many more elephants were in the park on Saturday than on Sunday?

No. of elephants on Saturday = 698

No. of elephants on Sunday = 417

Difference = 281

Hence, 281 more elephants were there on Saturday than Sunday

b) How many animals were there in total on Saturday?

No. of lions on Saturday = 847

No. of tigers on Saturday = 514

No. of elephants on Saturday = + 698

Total no. of animals on Saturday = 2,059

c) How many less tigers were there on Sunday than on Saturday?

No. of tigers on Saturday = 514

No. of tigers on Sunday = -383

Difference = 131

Hence 131 less tigers were there on Sunday than on Saturday

d) How many animals in total were recorded on Sunday?

No. of lions on Sunday = 639

No. of tigers on Sunday = 383

No. of elephants on Sunday = 417

Total no. of animals on Sunday = 1439

Hence, 1439 animals were recorded on Sunday

13 A toy factory produced 4720 dolls in the morning and 3850 dolls in the afternoon.

a) How many dolls were produced in total?

No. of dolls produced in morning = 4720

No. of dolls produced in afternoon = 3850

Total no. of dolls produced = 8570

b) If 3580 dolls were shipped the next day, how many dolls remained in the factory?

Total no. of dolls produced = 8570

No. of dolls shipped = - 3580

No. of dolls remained in the factory = 4990

OR

Fill in the blanks based on properties of addition and subtraction:

a) $2345 + 0 = 2345$

b) $6789 - 6789 = 0$

c) $125 + 432 = 432 + 125$

d) $5000 - 0 = 5000$

e) $876 + 259 = 876 + 259$

f) $9999 - 0 = 9999$

g) $307 + 415 = 415 + 307$

h) $1000 - 1 = 999$