

NAME:

ITL PUBLIC SCHOOL PRE MID TERM EXAMINATION (2024-25)

MATHEMATICS (Answer Key)

Class: IV

SECTION - A

1 | Fill in the blanks

- a) 2299 + 1 = 2300
- b) 6500 1 = **6499**
- c) 9852 + 100 = 9952
- d) 6644 + 12 = 12 + 6644
- e) 1 year = 52 weeks
- f) 1 minutes = 60 seconds
- g) 4 times 250 mL make a litre.
- h) 2 times 500 mL make a litre.
- i) Tea in a cup is measured in **mL**
- j) In a box there are 1500 marbles if I give 1000 marbles to my friends 500 marbles are left
- k) **<u>RBI</u>** issues official currency of India.
- 1) <u>30</u> is the number which is divisible by 2, 3 and 5 and comes between 25 and 35.
- 2 Look at the calendar and answer the following questions

2024

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- a) What day of the week is October 1? <u>Tuesday</u>
- b) How many Wednesdays are there in November? 4
- c) What date is on the fourth Tuesday of May? 28 May '24
- d) How many days are there in the given calendar? 366

3 Look at Kiran's Rate list and solve the following question

Kind of Junk	Price of 1 Kg
Waste paper	₹ 6
Plastic	₹ 12
Metal	₹ 30
Iron	₹ 150

How much money will Kiran pay for

a) 9 Kg wastepaper

Cost of 1 Kg wastepaper = ₹ 6

Cost of 9 Kg wastepaper = $\frac{7}{6}$ Kg $= \frac{7}{5}$ 54

b) 100 Kg plastic

Cost of 1 Kg Plastic = ₹ 12

Cost of 100 Kg Plastic = $72 \times 100 = 7200$

c) 7 Kg metal

Cost of 1 Kg metal = $\frac{7}{30}$

Cost of 7 Kg metal = $7 \times 30 = 210$

d.) 2 Kg iron

Cost of 1 Kg iron = ₹ 150

Cost of 2 Kg iron = $\stackrel{?}{\sim}$ 2 x 150 = $\stackrel{?}{\sim}$ 300

SECTION – B

- 4 Convert
 - a) 6 L 789 ml into mL = 6789 mL
 - b) 2250 ml into L and mL = $\frac{2 L 250 mL}{}$
- 5 | Fill in the blanks
 - a) 4 notes of $\frac{7}{100} = \frac{7400}{400}$
 - b) 2 notes of ₹ 500 = ₹ **1000**
- 6 Rewrite the time using am or pm
 - a) The school begins at 8:00 = 8:00 am
 - b) I sleep at quarter to 10 = 9:45

- 7 Convert
 a) 8 hour
 - a) 8 hours into minutes = $\frac{1 \text{ hr} = 60 \text{ min}}{1 \text{ hr} = 8 \text{ min}}$
 - b) 11 minutes 45 seconds into seconds 1 min = 60 sec, $11 \text{ min} = 11 \times 60 = 660 + 45 = 705 \text{ min}$
 - 8 a) The difference of two numbers is 30,000. If the greater number is 4,50,000. Find the smaller number

Greater number = 450000

Difference of two number = - 30000

Smaller Number <u>= 4 2 0 0 0 0</u>

b) Solve the puzzle

I gave nine planters each to five of my teachers on the occasion of teacher's day and six planters are left with me. How many planters did I have? (show steps)

No. of planters I gave to each teacher = 9

No. of planters I gave to five teachers = $9 \times 5 = 45$

No. of planters left with me = 6

No. of planters I had = 45 + 6 = 51

SECTION - C

- 9
 - a) Convert to 12 hours clock time
 - i) 06:20 hour = **6:20 am**

ii) 19:30 hours = **7:30 pm**

- b) Convert to 24 hours clock time
- i) 10:15 am = **10:15 hours**

ii) 6:00 pm = **18:00 hours**

- 10 a) Convert into rupees and paise
 - i) 2275 paise = ₹ **22.75**
 - ii) $78010 \text{ paise} = \frac{780.10}{100}$
 - b) Convert into paise
 - i) ₹ 988.50 = **98850 p**
 - ii) ₹ 45 = <mark>4500 p</mark>

11 Answer in one word

- a) What is the standard unit of capacity? Litre
- b) How many millilitres are there in 1 litre? 1000 mL
- c) Which unit is used to measure large amount of liquid? Litre
- d) What quantity of mL will we add in 800 mL to make it a litre? 200 mL

OR

Solve the following:-

a) 52 L 777 mL + 10 L 103 mL

Sum = 62 L 880 mL

b) 15 L 975 mL - 7 L 431 mL

Difference = 8 L 544 mL

- 12 a) Write ₹ 2050.25 in words **Two thousand fifty rupees and twenty five paise**
 - b) Write Seven thousand six rupees and ten paise in figures ₹7006.10
 - c) Solve: 8 notes of ₹ 50 and 6 notes of ₹ 100

8 notes of
$$\stackrel{?}{\sim}$$
 50 = $\stackrel{?}{\sim}$ 400

6 notes of ₹ 100 =
$$\pm$$
 ₹ 600

Observe the table showing different kind of boats. Each has a different ticket price, and also different trip time.

Name of the Boat	Ticket Price	Trip Time
Double decker	₹ 30	45 min

Paddle boat	₹ 15	30 min
Motor boat	₹ 25	20 min
Boat with oars	₹ 15	45 min

Now answer the following question

a) Arjun and Suraj first went in the Double decker, and then took the Paddle boat. How much did they pay for both the boats?

Cost of double decker boat =
$$700$$
 x 2 = 60

Cost of paddle boat
$$= 7.5 \times 2 = 7.5 \times 2 = 7.5 \times 2 = 1.5 \times 2 = 1.$$

Amount they paid for both the boats $=\frac{290}{}$

- b) Aryan boated for 90 minutes. Which two boats did he take? **Double decker and Boat with oars**
- c) Which boat gives them the most time taking the least money? **Boat with oars**