



**TERM-I**

<b>1.</b>	<b>Chapter-1 Large numbers</b>
<b>2.</b>	<b>Chapter-2 Four Operations</b>
<b>3.</b>	<b>Chapter-3 Playing with numbers</b>
<b>4.</b>	<b>Chapter- 6 Geometry</b>
<b>5.</b>	<b>Chapter-9 Time and Temperature</b>
<b>6.</b>	<b>Chapter-10 Mathematics in daily life</b>

**TERM-II**

<b>1.</b>	<b>Chapter-4 Fractions</b>
<b>2.</b>	<b>Chapter - 7 Patterns and Symmetry</b>
<b>3.</b>	<b>Chapter -5 Decimals</b>
<b>4.</b>	<b>Chapter -8 Measurements</b>
<b>5.</b>	<b>Chapter – 11 Mensuration</b>
<b>6.</b>	<b>Chapter- 12 Data Handling</b>
<b>7.</b>	<b>Chapter-3 Playing with numbers</b>



**Delhi Public School, Gandhinagar**  
**P.T –I Revision Paper (2024-25)**

<b>Class : V</b>	<b>Mathematics</b>	<b>Date:</b>
<b>Time:</b>		<b>M. Marks:</b>
<b>Name: _____ Sec: _____ Roll No.: _____</b>		

**CHAPTER 1**  
**LARGE NUMBERS**

**SECTION A**

- The largest 8-digit number using the digits 2, 1, 6, 7, 4, 8, 5, 9 is  
a) 9,87,65,421    b) 9,87,65,412    c) 9,78,65,421    d) 9,78,65,412
- The Hindu-Arabic numeral for CCXLIX is  
a) 246    b) 249    c) 348    d) 349
- $7,00,00,000 + 20,00,000 + 1,00,000 + 500 + 4$  is the expanded form of  
a) 7,21,00,504    b) 7,2,10,504    c) 7,01,20,504    d) 710250
- The sum of the place value of 3s in 23,034 is .....  
a) 3003    b) 3030    c) 3300    d) 3033

**SECTION B**

- Write the following number in words for Indian Number System and International number system:  
789043216
- Solve the following:  
(a) CMXCIX – DCCXLII
- (i) The number that is 10 less than 10000 is

- (a) Nine thousand                              (b) Nine thousand nine hundred
- (c) Ten thousand nine hundred      (d) Nine thousand nine hundred and ninety
- (ii) Which of the following makes sense to round to the nearest 10-digit number?
- (a) Your friend's telephone number              (b) The PIN code of your city or town
- (c) The number of pages in your Maths book              (d) The year of your birth
- (iii) The height of Karan is CLX and the height of Sahil is CLII cm. Who is taller among them?
- (a) Karan    (b) Sahil
- (c) Both have same heights                      (d) Can't be determined

### SECTION C

8. Fill in the blanks.
- a) When 1 is added to the greatest 8-digit number, the sum has \_\_\_\_\_ digits.
- b) 10 million is the same as \_\_\_\_\_ lakh.
9. Round off the following numbers to the nearest 1000's.
- a) 234576    b) 2672533

### SECTION D

10. Lata and her grandfather went to a community library. In the library, there were 590099 books in Hindi and 409900 books in English. Lata took one Hindi story book of the library and lost it. Next day her grandfather donated 2 Hindi story book to the library. Based on above passage answer the following questions:
- a) How many total books were present in the library.
- b) Write the total number of books in words following International Number system.
- c) Write the expanded form for the number of Hindi Books.
- d) Write the successor and predecessor of the given numbers of Hindi and English books.

### **CHAPTER-2**

### **FOUR OPERATIONS**

### **SECTION A**

1. When 0 is multiplied by any number, the product is \_\_\_\_\_.
- a) 9      b) 0      c) 10                      d) number itself
2. When 58140 is divided by 100, the remainder is \_\_\_\_\_.
- a) 44              b) 10              c) 4                      d) 140
3.  $217 + 398 + 783 - 308 + 7$  equals
- a) 1195                      b) 1097              c) 1083                      d) 1803

4. The quotient of the smallest 5-digit number divided by 5 is 2000.  
Is this statement correct?  
a) True                      b) false

**SECTION B**

5. Find the quotient of 1897 divided by the smallest 3-digit number.
6. Find the product of 587 and the greatest 2-digit number.
7. (i) Subtract:  $89105222 - 5678943$

(ii)  $60 + 70 + 80 + 90 = (6 + 7 + 8 + 9) \times (\text{what number?})$

- a) 10              b) 40              c) 1000              d) 10000

**SECTION C**

8. A tourist travels 590 km per day. How much will she travel in 35 days?
9. On Thursday, a vegetable market sold 210 pounds of potatoes. On Friday they sold twice that amount. On Saturday they only sold 130 pounds. How much more potatoes did they sell on Friday than Saturday?



# Delhi Public School, Gandhinagar

## HALF-YEARLY REVISION (2024 -25)

<b>Class : V</b>	<b>Mathematics</b>	<b>Date:</b> _____
<b>Time:</b> _____		<b>M. Marks:</b> _____
<b>Name:</b> _____ <b>Sec:</b> _____ <b>Roll No.:</b> _____		

### CH 1: LARGE NUMBERS

#### SECTION A

1. The smallest 8- digit number with 5 as one of the digits is \_\_\_\_\_.  
 a) 1,85,00,000      b) 1,00,00,005      c) 85      d) 95
2. The digit with the same place value and the face value in 31,09,804 is \_\_\_\_  
 a) 0      b) 3      c) 1      d) 4
3. Find the sum of the greatest 6-digit number and the smallest 5- digit number.  
 a) 999999      b) 10000      c) 1009999      d) 901099
4. 100000 = 1 \_\_\_\_\_  
 a) Thousand      b) Lakh      c) Crore      d) Hundred

#### SECTION B

5. Write the numbers using the hints given below.  
 a. The predecessor of thirty lakh five hundred and eighty-six is \_\_\_\_\_.  
 b. The successor of two million thirty thousand eighty-two is \_\_\_\_\_.
6. Round to the nearest 10, 100 & 1000:  
 a) 999      b) 88, 645
7. Compare and insert >, < or =.  
 a) CCX \_\_\_\_ CCXI  
 b) CD \_\_\_\_ XCVII

#### SECTION C

8. Which abacus shows the number three thousand nine hundred and five?  
 (The ones' place is marked as 'O')

Option A	Option B	Option C	Option D

9. (i) Hundred lakhs = \_\_\_\_\_  
(a) 10 millions      (b) 1 million      (c) 100 millions      (d) 100 crores
- (ii) Predecessor of greatest 7-digit even number is \_\_\_\_\_

## **CH 2: FOUR OPERATIONS**

### **SECTION A**

1. What must be added to 83,479 to get the smallest 6- digit number?  
a) 83,485      b) 16,521      c) 1,00,000      d) 901999
2. If one lakh fifty thousand added to five crore nine thousand is \_\_\_\_\_.  
a) 50159000      b) 11590000      c) 50590000
3.  $178301 \times 0 \times 678 =$  \_\_\_\_\_  
a) 678      b) 1,78,301      c) 0      d) number itself
4.  $\frac{\quad}{\quad} \div 48,675 = 0$   
a) 0      b) 100      c) 10      d) number itself

### **SECTION B**

5. Add:  $4,11,598 + 8,76,557$

6. Find the quotient when 9321 divided by the greatest 1-digit number.

7. Fill in the blanks using the properties of the four operations.

a.  $4,892 \times 100 =$  \_\_\_\_\_

b.  $8,47,59,147 - 0 =$  \_\_\_\_\_

c.  $15,472 \div 1 =$  \_\_\_\_\_

### **SECTION C**

8. A factory manufactured 2,42,340 toys in a year and sold 1,32,200 toys during the same year. How many toys are left behind?

9. In a warehouse, there are 1,24,312 bags of rice, 2,12,530 bags of wheat and 46,500 bags of sugar. What is the total number of bags stored in the warehouse?

### SECTION D

10. Given below are the land areas of the four largest countries of the world. study the list and answer the question below.

Country	Approximate area in Sq.km.
China	95,96,960
USA	96,29,091
Russia	1,70,75,200
Canada	99,84,670

- a) Which is the largest country in the above table?  
b) What is the difference between the largest and smallest country in the above table?  
c) What is the area of the smallest country in the above table?

### CH 3: MULTIPLES AND FACTORS

#### SECTION A

1. Which of these statements is true?  
a) 7 has two factors 1 and 7.                      b) 7 is a composite number  
c) 7 is the 7th prime number.                  d) 7 and 9 are twin prime numbers.
2. The HCF of 3 and 17 is \_\_\_\_\_.  
a) 2                      b) 1                      c) 13                      d) 17
3. Which of the following are not multiples of 2?  
a) 6                      b) 18                      c) 9                      d) 20
4. If the HCF of two numbers is 1, then what are the two numbers known as?  
a) factors              b) multiples              c) Co-prime numbers              d) Composite

#### SECTION B

5. Circle the numbers that are factors of 45.  
3, 4, 5, 6, 8, 12, 15, 21, 30
6. Write the first four multiples of 15.
7. Tick the box if the numbers are divisible by both 5 and 9.  
a. 45         b. 90         c. 125

## SECTION C

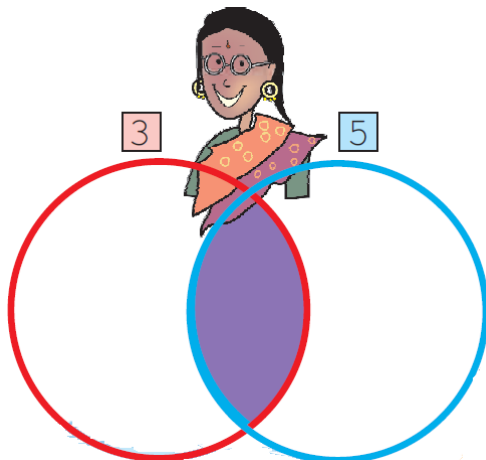
8. Draw the factor tree of 90.

9. (i) Write the common multiples from the first 7 multiples of 3 and 5?

(ii) Find the LCM of 24 and 48.

## SECTION D

10.





- a) What common multiples of 3 and 5 did you write in the purple part?  
b) What is the smallest common multiple of 3 and 5?

### **CH 6: GEOMETRY**

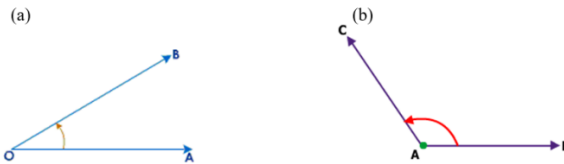
#### **SECTION A**

- Half of a right angle is \_\_\_\_\_  
a)  $90^\circ$             b)  $35^\circ$             c)  $45^\circ$             d)  $180^\circ$
- Name the angle which measures more than  $0^\circ$  degree but less than  $90^\circ$ .  
a) Obtuse angle    b) Acute angle    c) Right angle    d) Reflex angle
- The measure of straight angle is \_\_\_\_\_.  
a)  $180^\circ$             b)  $95^\circ$             c)  $55^\circ$             d)  $0^\circ$
- An angle measuring more than  $180^\circ$  and less than  $360^\circ$  is a \_\_\_\_\_ angle.  
a) straight            b) zero            c) reflex            d)  $360^\circ$

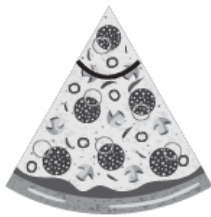
#### **SECTION B**

- Construct the following angles and identify their type.  
(a)  $75^\circ$                       (b)  $140^\circ$

- Measure the following angles by using a protractor and name them.



- Mention the name of the angle that you see in each of the objects given below.



### SECTION C

8. Match the following.

COLUMN I	COLUMN II
a) $153^\circ$	i. right angle
b) $90^\circ$	ii. straight angle
c) $37^\circ$	iii. Reflex angle
d) $210^\circ$	iv. Obtuse angle
e) $180^\circ$	v. Acute angle

9. At 3:25. The smaller angle formed between the two hands of a clock is \_\_\_\_\_
- (a) Obtuse      (b) Acute      (c) Right      (d) None of these

### SECTION D

#### CH 9: TIME AND TEMPERATURE

##### SECTION A

- Write the interval between 7:15 am and 8:05 am in seconds.  
a) 20 min      b) 40 min      c) 45 min      d) 50 min
- Priya's exams start from 17th of February. She is worried as there are only 12 days left for the exam and she has not started revision for Science. What is the date today?  
a) 2<sup>nd</sup> February      b) 4<sup>th</sup> February      c) 5<sup>th</sup> February      d) 3<sup>rd</sup> February
- 3 hour 30 minutes = \_\_\_\_\_ minutes  
a) 175 minutes      b) 210 minutes      c) 255 minutes      d) 250 minutes
- I left for school at 8:15 a.m. Convert the time to the 24-hour clock time.  
a) 15:15 hours      b) 20:15 hours      c) 8:17 hours      d) 20:20 hours

##### SECTION B

- Subtract the following: 6h 40min - 5h 35min
- Convert into seconds: 5 minutes 20 seconds

7. Sheila reached the library at 12:05 p.m. The bus ride to the library lasted 45 minutes. At what time did Sheila board the bus?

**SECTION C**

8. A game of football consists of a total playing time of 90 minutes and a break of 15 minutes at half time. A football match begins at 3:25 PM. At what time will the match end?

Option A	Option B	Option C	Option D
5:10 PM	4:15 PM	4:30 PM	4:40 PM

9. Today is the 29th of November. Rajisha's birthday is coming up in 16 days. Find Rajisha's birthday.

**CH 10: MATHEMATICS IN DAILY LIFE**

**SECTION A**

1. The selling price of an object is ₹ 55 and the cost price is ₹ 35. Here, the seller has made a profit of \_\_\_\_\_  
a) 20                      b) 25                      c) 10                      d) 35
2. If the cost of 18 mangoes is ₹ 720, then the cost of 5 apples is \_\_\_\_\_  
a) 20                      b) 200                      c) 250                      d) 225
3. If S.P = ₹ 4,586 and profit = ₹ 186, What is the C.P?  
a) 4000                      b) 4400                      c) 4986                      d) 4689
4. You sell T-shirts. If you bought them for Rs. 100 each and sell them for Rs. 120 each, how much PROFIT can you make if you sell 10 T-shirts?  
a) ₹ 100                      b) ₹ 150                      c) ₹ 200                      d) ₹ 250

**SECTION B**

5. If cost price of an article is 560 and its selling price is 430. Find profit or loss.

6. (i) A loss arises when the \_\_\_\_\_ price is more than its \_\_\_\_\_ price.  
(ii) Rishika bought 5 earrings for ₹ 1000. What was the cost of 1 pair of earrings?
7. A dealer of second-hand cars buys two cars as per the following details: A buyer offers him Rs. 1,40,000 for the two cars. What will be the dealer's profit or loss?

No.	Car	Year of Manufacture	Price (Rs.)
1.	Maruti 800	1992	75,500
2.	Ambassador	1990	62,000

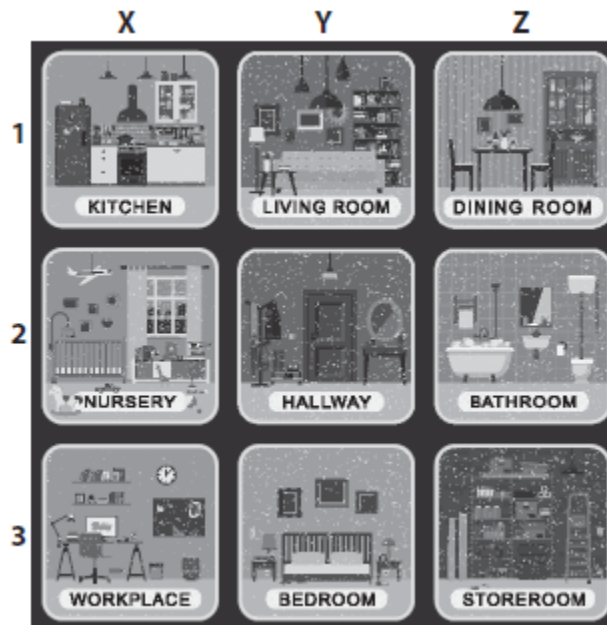
Option A	Option B	Option C	Option D
Rs. 7,500 profit	Rs. 7,500 loss	Rs. 2,500 profit	Rs. 2,500 loss

### SECTION C

8. Ritika bought a dozen eggs for 168. What is the price of 8 eggs?
9. Find the answer.  
a. SP = 683, profit = 250, then the CP is \_\_\_\_\_  
b. SP = 3849, loss = 1540, then the CP is \_\_\_\_\_

### SECTION D

10. Ria has clicked some pictures of her home and pasted them in her scrapbook. She wants to write the location of some pictures for her homework.  
1. Name and write the location of the picture which shows a bathtub.  
2. Which room's picture is pasted at (Z, 3)?  
3. Write the locations of pictures of rooms where Ria studies and where she has breakfast.





**Delhi Public School, Gandhinagar**  
**Mock test Paper (TERM-I) (2024-25)**

**Class : V**

**Mathematics**

**Date:**

**Time: 2 hour**

**M. Marks:**

**Name: \_\_\_\_\_ Sec: \_\_\_\_\_ Roll No.: \_\_\_\_\_**

**General Instructions:**

- (i) This Question Paper has 4 sections.*
  - (ii) Section A has 13 MCQs carrying 01 mark each.*
  - (iii) Section B has 9 questions carrying 02 marks each.*
  - (iv) Section C has 5 questions carrying 03 marks each.*
  - (v) Section D has 1 question carrying 04 marks each.*
  - (vi) All the questions are compulsory.*
- Rough work, if any, to be done in the rough work column neatly.**

**Section A**

1. How many zeroes are there in 1 lakh? 1  
a) 4                      b) 5                      c) 6                      d) 7
2. Compare: XXXVII \_\_\_ XX+V 1  
a) >                      b) <                      c) =                      d) none of these
3.  $4,53,568 - \underline{\hspace{2cm}} = 0$  1  
a) 4,53,568              b) 4,53,567              c) 4,53,562              d) 4,53,569
4. The quotient of the smallest 5-digit number divided by 5 is \_\_\_\_\_. 1  
a) 20                      b) 200                      c) 2000                      d) 20000
5. Which of these numbers is divisible by 6? 1  
a) 23456                      b) 23466                      c) 23455                      d) 24562
6. If two numbers have only 1 as their common factor, then they are called \_\_\_\_\_ 1  
\_\_\_\_\_

a) prime      b) co primes      c) twin prime      d) composite

7. An angle that measures exactly  $180^\circ$  is a \_\_\_\_\_ angle. 1  
a) straight      b) acute      c) obtuse      d) right
8. A \_\_\_\_\_ is an instrument used to measure angles. 1  
a) net      b) protractor      c) cube      d) compass
9. 2 weeks 5 days = \_\_\_\_\_ days 1  
a) 17      b) 18      c) 19      d) 20 days
10. What time will it be 7 hours after 8:00 a.m.? 1  
a) 2:00 pm      b) 3:00 pm      c) 4:00 pm      d) 5:00 pm
11. If  $SP = CP$ , then there will be 1  
a) profit      b) loss      c) no profit, no loss
12. If one box of pencils costs ₹ 20. What is the cost of 20 boxes? 1  
a) ₹ 4,000      b) ₹ 400      c) ₹ 40      d) ₹ 800
13. Which of the following is true? 1  
(a  $82599 + 0 = 0$       (b  $0 \div 82683 = 0$   
(c  $72598 \times 1 = 1$       (d None of these

### Section B

**Section B consists of 9 questions of 2 marks each.**

14. Find the LCM of 12 and 16 by prime factorization method. 2
15. Convert 649 hours into minutes and seconds. 2
16. Find the cost price if selling price is ₹ 679 and profit is ₹ 80. 2
17. Which of the following numbers is between the two numbers given in the box? 2

Five thousand six hundred and ninety

Five thousand and ninety six

- a) 5906      b) 5069      c) 5960      d) 5609
18. Statement A: If 0 is divided by a number other than 0, the quotient is 0. 2  
Statement B:  $\text{Divisor} = \text{Dividend} \times \text{Quotient} + \text{Remainder}$   
a) both A and B are true  
b) both A and B are false  
c) A is true but B is false  
d) B is true but A is false.

19. 24 can be expressed as the product of two numbers in 4 different ways:  $24 \times 1$ ,  $12 \times 2$ ,  $8 \times 3$  and  $4 \times 6$ . In how many different ways can 42 be expressed as a product of two numbers? 2

- a) 3                      b) 4                      c) 5                      d) 6

20. A train leaves town P at 12:05 pm. At what time will it reach town Q, if the journey takes 1 hour and 42 minutes? 2

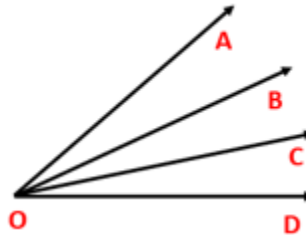
- a) 1:37 pm              b) 1:47 pm              c) 3:47 pm              d) 3:47 am

21. (i) Which of the following is incorrect? 2

- a. A cone has same number of flat faces, vertices and edges.  
 b. A cylinder as same number of flat faces and edges.  
 c. A cuboid and cube has same number of faces, edges and vertices  
 d. None of these

(ii) Number of angles in the given figure are

- a. 5  
 b. 3  
 c. 4  
 d. 6



22. The sum of 4,204 and \_\_\_\_ is 10,100 less than the sum of 34,200 and 23,004. 2

- a) 42,900              b) 43,000              c) 63,100              d) 53,000

**Section C**

**Section C consists of 5 questions 3 marks each**

23. (i) Ramesh divided 3250 by 18 and got the Quotient 179 and remainder 28. 3

For this problem, which of these checks will help Ramesh find out his mistake?

Option A	Option B	Option C	Option D
Check if Quotient $\times$ Divisor + Remainder = Dividend	Check his calculations of $18 \times 1$ , $18 \times 7$ and $18 \times 9$ .	Check if Remainder $<$ Dividend	Check if Remainder $<$ Divisor

(ii)

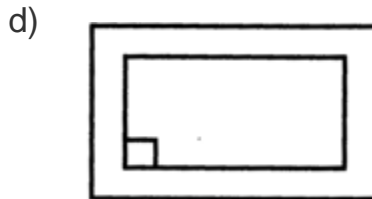
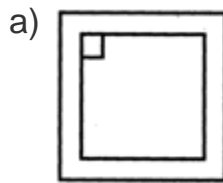
divide 100 = 50 .

The number in the empty box is

24. (i) Find the first 2 common multiples of 12 and 15. 3  
(ii) Draw the factor tree of 75.
25. (i) At what time given below do the minute and hour hands of a clock make a straight angle? 3  
(a) 12 O'clock      (b) 6 O'clock      (c) 5 O'clock      (d) 3 O'clock

(ii) At 3:25, the smaller angle formed between the two hands of a clock is \_\_\_\_\_.

- (a) Obtuse      (b) Acute      (c) Right      (d) None of these
26. (i) Ravi makes some frame boards. In which board has he identified angle less than  $90^\circ$ . 3



- (ii) Name the 3D figure in each case.
- a. Two figures which has an equal number of faces, vertices and edges.
  - b. A figure has zero vertices.
  - c. A figure has only one vertex and one edge.
27. Peter bought a plot of land for Rs. 75,000. He spent Rs.35,000 on a building a boundary wall around the plot. He then sold the land for Rs.1,50,000. Find his profit. 3

### Section D

**Section D consists of 1 question of 4 marks.**

28. The following newspapers are circulated in a city. 4



<b>Name of the newspaper</b>	<b>Number of copies</b>
<b>Amar Ujala</b>	<b>71,809</b>
<b>Dainik Savera</b>	<b>49,068</b>
<b>The Tribune</b>	<b>1,56,007</b>
<b>Hindustan Times</b>	<b>1,34,503</b>

- a) Arrange the numbers in Descending order.
- b) What is the place value and face value 5 in the newspaper copies of Tribune?



**Delhi Public School, Gandhinagar**  
**P.T –II Revision Paper (2024-25)**

**Class : V**

**Mathematics**

**Date:**

**Time:**

**M. Marks:**

**Name:** \_\_\_\_\_ **Sec:** \_\_\_\_\_ **Roll No.:** \_\_\_\_\_

**CHAPTER-4 FRACTIONS**

**Section:A**

1. What is  $\frac{16}{24}$  in lowest term?

- a)  $\frac{2}{3}$       b)  $\frac{3}{4}$       c)  $\frac{6}{4}$       d)  $\frac{5}{4}$

2. Add :

$$\frac{6}{13} + \frac{5}{13} = \underline{\hspace{2cm}}$$

- a)  $\frac{12}{13}$       b)  $\frac{11}{13}$       c)  $\frac{1}{13}$       d)  $\frac{15}{13}$

3. Fill in the blanks.

$$\frac{3}{7} = \frac{\hspace{1cm}}{42}$$

- a) 18      b) 49      c) 6      d) 7

4. Multiply:

$$\frac{10}{13} \times \frac{1}{3} = \underline{\hspace{2cm}}$$

- a)  $\frac{12}{13}$       b)  $\frac{10}{3}$       c)  $\frac{10}{39}$       d)  $\frac{1}{13}$

**Section-B**

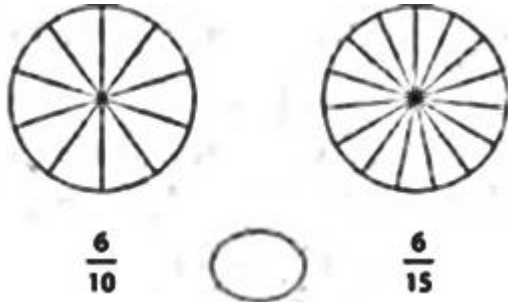
5. a) Convert mixed fractions into improper fractions.

$$9\frac{2}{3} =$$

b) Convert improper fractions into mixed fractions.

$$\frac{33}{7} =$$

6. Fill in the blanks:
- a)  $3 \times$  reciprocal of  $\frac{8}{4} =$  \_\_\_\_\_
- b) When any number is multiplied by its reciprocal, the product is \_\_\_\_\_.
7. Shade to represent the following fractions and compare using  $>$ ,  $<$  or  $=$  sign.



**Section: C**

8. Rohit finished  $\frac{1}{8}$  pages of a book. If there are 240 pages in the book, then how many pages are still left to read?
9. Write the fraction for the shaded portion of the figure given below and then reduce it to the lowest form.



Ans

**Section D:**

10. Sahil's salary is ₹1,60,000. He pays  $\frac{1}{8}$  as rent,  $\frac{1}{6}$  on food and  $\frac{1}{10}$  on transport.
- a) Find the amount paid as rent.
- b) Find the amount paid on food.
- c) Find the amount paid on transport.
- d) Find his savings.



ii) Draw dots to represent the 6th triangular number.

**Section:C**

8. Find the sum of the 9th and 14th triangular numbers.
  
9. Build three digit number using digits 0 to 9 without repeating the digits, that have horizontal line of symmetry.

Ans



**Delhi Public School, Gandhinagar**  
**ANNUAL REVISION (2024 -25)**

Class : V

**Mathematics**

Date:

Time:

M. Marks:

Name: \_\_\_\_\_ Sec: \_\_\_\_\_ Roll No.: \_\_\_\_\_

**Chapter : 4 FRACTIONS**

**Section: A**

1. What is the value of  $\frac{3}{4} \div \frac{3}{16}$  ?  
a)  $\frac{3}{4}$       b)  $\frac{3}{16}$       c)  $\frac{1}{4}$       d) 4
2. What is the lowest term of  $\frac{14}{28}$ ?  
a)  $\frac{5}{4}$       b)  $\frac{3}{4}$       c)  $\frac{1}{2}$       d)  $\frac{3}{2}$
3. To find the simplest form we must:  
a) divide      b) multiply      c) add      d) subtract
4. The improper fraction in the given fractions is \_\_\_\_\_.  
a)  $\frac{3}{4}$       b)  $\frac{7}{12}$       c)  $\frac{9}{2}$       d)  $\frac{7}{9}$

**Section: B**

- 5 Find :

$$8\frac{1}{4} - 1\frac{3}{12}$$

6. a) Compare using  $>$ ,  $<$  or  $=$ .

$$\frac{9}{15} \quad \square \quad \frac{7}{15}$$

b) Find  $\frac{1}{3} \div 7$

7. Find two equivalent fractions of each. Use multiplication method.

a)  $\frac{9}{18}$

b)  $\frac{6}{7}$

**Section:C**

8. There was  $\frac{4}{5}$  kg sugar at home.  $\frac{1}{3}$  kg sugar was used to make rasgullas. How much sugar is left?

Ans:

9. Sohan bought  $\frac{2}{3}$  of a metre of yellow cloth,  $\frac{4}{5}$  of a metre of green cloth and  $\frac{1}{3}$  of a metre of red cloth. How much cloth he buy in all?( a metre = 1 metre)

Ans:

### Section D:

10. Sahil's salary is ₹1,60,000. He pays  $\frac{1}{8}$  as rent,  $\frac{1}{6}$  on food and  $\frac{1}{10}$  on transport.
- Find the amount paid as rent.
  - Find the amount paid on food.
  - Find the amount paid on transport.
  - Find his savings.

## Chapter 5: DECIMALS

### Section:A

- Write 12.53 in fraction form.  
a)  $\frac{1253}{100}$       b)  $\frac{1253}{1000}$       c)  $2\frac{1253}{10}$       d)  $\frac{1}{2}$
- 30 tens + 6 thousand is equal to  
a) 6300      b) 3600      c) 3006      d) 36
- 8thousandths + 7 tenths = \_\_\_\_\_  
a) 0.778      b) 807      c) 0.708      d) 8.007
- What is the decimal number shown by the shaded part of the figure given below?



- a) 0.4      b) 0.5      c) 1.4      d) 3.6

### Section:B

- Arrange in descending order.  
1, 1.1, 101, 1.001  
Ans:



6. Convert the fraction  $\frac{3}{2}$  in decimal form:

Ans :

7. Find:

a)  $0.12 \times 1,000 =$

b)  $75.2 \div 8 =$

**Section:C**

8. A chemist mixed 6.35 grams of one compound with 2.45 grams of another compound. How many grams were there in the mixture?

9. How much money is left out of the 20 rupees note if I paid 5.25 for potatoes and 0.5 for chilly?

Ans:

**Section:D**

10. Use the clues below to write the decimal number. Be sure to put the decimal point in the correct place. Use the digits: 5 , 0 , 6 , 4 , 1

a) The digit in the ones place is 1 less than the digit in the tenths place.

b) 6 in the hundredths place.

c)The digit in the tens place is less than the digit in the thousandths place.

The number is: \_\_\_\_\_

**Chapter 7: SYMMETRY AND PATTERNS**

**Section:A**

1. Complete the pattern:

1, 4, 13, 40, \_\_\_\_\_

a) 121

b) 40

c) 142

d) 60

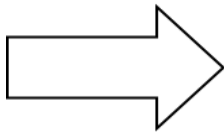
2. Taj Mahal has ----- line of symmetry.



- a) Horizontal  
 b) Vertical  
 c) Neither horizontal nor vertical  
 d) none of these
3. The sum of the 2nd square and 3rd square number is \_\_\_\_.
- a) 10      b) 11      c) 12      d) 13
4. Extend the pattern of square numbers. 1, 4, 9, 16, 25, \_\_\_\_.
- a) 49      b) 81      c) 36      d) 144

**Section:B**

5. Change the below shape so that the new shape looks the same on a  $\frac{1}{2}$  turn.

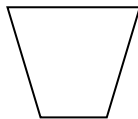


6. Complete the pattern given below:

a) 1, 3, 7, 15, 31, \_\_\_\_\_, \_\_\_\_\_

b) Name an alphabet which has no line of symmetry.

7. Draw the lines of symmetry for these shapes.



**Section:C**

8. Find the square number that you will get by adding the 4th and 5th triangular number.
9. What will be the sum of the numbers in pattern 4?



**Pattern 1**



**Pattern 2**



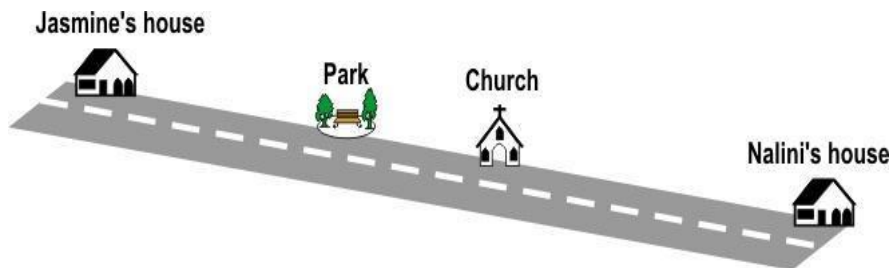
**Pattern 3**

Ans:

## Chapter 8: Measurements

### Section: A

- 10 km 250 m = \_\_\_\_ km  
a) 10250 km      b) 0.250 km      c) 10.250 km      d) 250 km
- The milk carton we get from the market is usually \_\_\_\_\_.  
a) 1L      b) 100ml      c) 50ml      d) 5ml
- Thickness of book = 95 mm = \_\_\_\_\_ cm  
a) 9.5      b) 950      c) 0.95      d) 9500
- On a straight road, Jasmine's house is 1 km 400 m from the Church and Nalini's house is 2 km from the park. If the distance between the Church and the park is 200 m, how far is Jasmine's house from Nalini's?



- a) 3km 600 m      b) 3km 400 m      c) 3km 200 m      d) 2 km 600 m

### Section: B

- Convert: 0.85 l = \_\_\_\_\_ ml  
Ans:
- Add: 6 kg 450 g + 5 kg 250 g  
Ans:
- The length of a rope is 30 m 72 cm. If the rope is equally divided into 12 pieces, then find the length of each of each rope.

**Section:C**

8. One third of a chocolate bar weighs 30 g. How much will the whole chocolate weigh?



Ans

9. How tall would this plant be if it grew 20 cm more in height?



- a) 12 m                      b) 120 cm                      c) 21 cm                      d) 12 cm

**Section:D**

10. Observe the given figure and answer the following questions.



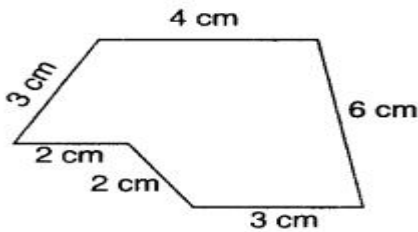
Raj visits his relative at the hospital, collects a book from the library and posts a letter at the post office where he works and he returns home in the same route.

- What is the distance between library and post office?
- Convert 24 km into m.
- What is the distance between hospital and library?
- What is the total distance between Raj's house and post office?

### Chapter 11: Mensuration

Section:A

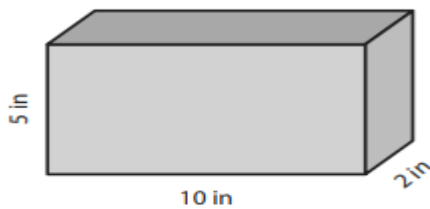
- What will be the area of a rectangle whose length is 6cm and breadth is 5cm?  
a) 30 sq.cm      b) 18 sq.cm      c) 15 sq.cm      d) 90 sq.cm
- Perimeter of a square = 36 cm. Its side = \_\_\_\_  
a) 3 cm      b) 6 cm      c) 9 cm      d) 4 cm
- The perimeter of the figure is \_\_\_\_\_



- 16 cm      b) 18 cm      c) 20 cm      d) 50 cm
- The volume of a cuboid of length 2 cm, breadth 1 cm and height 3 cm is \_\_\_\_\_.  
a) 6 cubic cm      b) 2 cubic cm      c) 3 cubic cm      d) 9 cubic cm

### Section:B

- Find the volume of the given figure in inches:



6. The perimeter of a square is 64 cm. Find the length of the side of the square.
  
  
  
  
  
  
  
  
  
  
7. Find the difference in the volume of a cube of side 8 cm and of a cuboid of length 10 cm, breadth 3 cm and height 6 cm.

**Section:C**

8. The breadth of a rectangle is half its length. If the length of the rectangle is 100 cm, find its perimeter.

Ans:

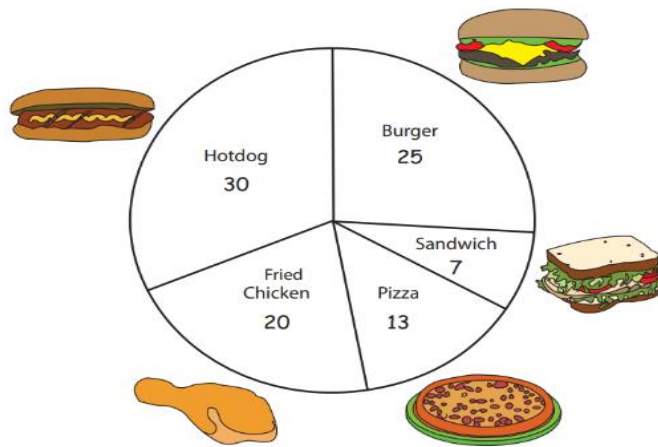
9. A container is 60cm long and 20cm wide. If the depth of the container is 30cm, find the volume of the container.

Ans:

**Chapter 13 GRAPHS**

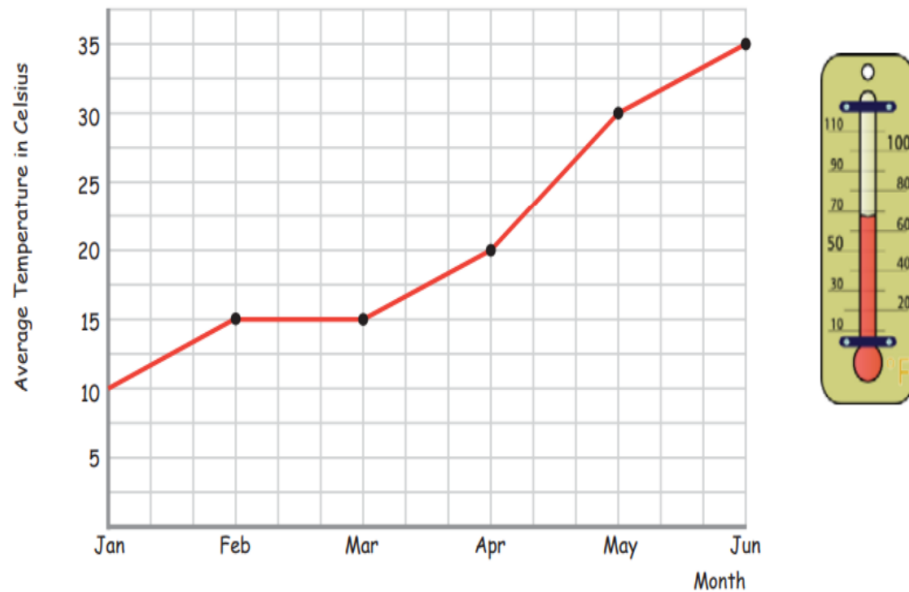
**Section:B**

1. Rock Restaurant surveyed a sample of customers on their favourite food. They made a pie graph with the survey results. Read the pie graph and answer the questions.



- 1) Which is the most favourite among the customers?
- 2) How many customers like fried chicken?
- 3) Which is the least favourite food?
- 4) How many customers voted for burger as their favourite food?
- 5) How many customers participated in the survey?

2. Analyze the line graph, complete the data table and answer the questions.



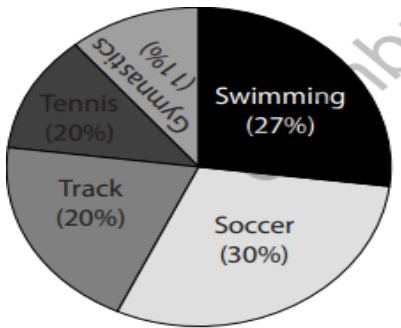
Analyze the line graph, complete the data table and answer the questions.

- 1) In which month was the average temperature 30 degrees Celsius?

- 2) In which 2 months was the average temperature same?
- 3) In which months was the average temperature higher than 20 degrees?

**Section:C**

4. The pie chart shows the percentage of people's liking for a particular game. Read the pie chart carefully and answer the following questions.



- a. Which game is the least liked by the people?
  - b. Which game is the most liked by the people?
  - c. If 250 people were surveyed, how many showed a liking for soccer?
5. The number of books sold in a bookstore is as given.  
Draw a line graph to show the data.  
August – 200, September- 400, October - 500, November – 600



4. During his exams Ram studied for 8 hours in a day. He spent the following time in studying different subjects.

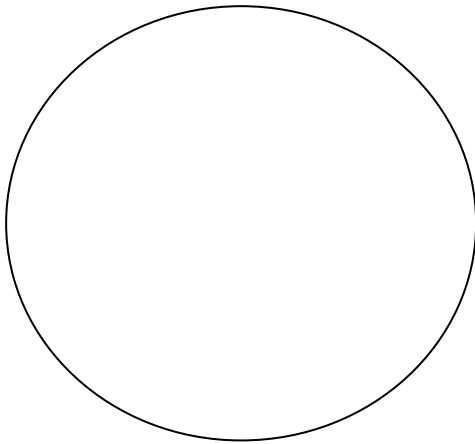
Maths : 4 hours

Science: 2 hours

Social Studies: 1 hour

English: 1 hour

Draw the circle graph to represent the data.





# Delhi Public School, Gandhinagar

## Mock test Paper (TERM-II) (2024-25)

Class : V

### Mathematics

Date:

Time: 2 hour

M. Marks:

Name: \_\_\_\_\_ Sec: \_\_\_\_\_ Roll No.: \_\_\_\_\_

#### General Instructions:

- (i) This Question Paper has 4 sections.
- (ii) Section A has 13 MCQs carrying 01 mark each.
- (iii) Section B has 9 questions carrying 02 marks each.
- (iv) Section C has 5 questions carrying 03 marks each.
- (v) Section D has 1 question carrying 04 marks each.
- (vi) All the questions are compulsory.

*Rough work, if any, to be done in the rough work column neatly.*

#### SECTION A

1. Which number is a factor of 9? 1  
a) 10            b) 18            c) 28            d) 30
2. What is  $\frac{2}{3} - \frac{1}{3}$ ? 1  
a)  $\frac{3}{3}$             b)  $\frac{2}{3}$             c)  $\frac{1}{3}$             d)  $\frac{4}{6}$
3. Fractions which have the same denominators are called \_\_\_\_\_ fractions. 1  
a) equivalent    b) like            c) unlike        d) proper
4.  $\frac{1}{3}$  of 21 is 1  
a) 5                b) 6                c) 7                d) 8
5.  $\frac{234}{100}$  can be written as \_\_\_\_\_. 1  
a) 21.4            b) 234            c) 2.34            d) 23.4
6.  $8.3 \times 10 =$  1  
a) 0.83            b) 0.80            c) 0.083        d) 8.30
7.  $6.2 + 1.8 =$  \_\_\_\_\_ 1  
a) 8                b) 6                c) 9                d) 5
8. Which letter does not have a line of symmetry? 1  
a) E                b) T                c) G                d) O

9. We use \_\_\_\_\_ to convert bigger units of measurement to smaller units. **1**  
a) addition      b) subtraction      c) multiplication      d) division
10. The formula for perimeter of square is \_\_\_\_\_. **1**  
a) side  $\times$  side      b)  $4 \times$  side      c) perimeter  $\times 4$       d) perimeter + 4
11.  $8.123 = 8 \text{ ones} + 123$ \_\_\_\_\_. **1**  
a) tenths      b) hundredths      c) thousandths      d) none of these
12. The difference in the 3rd square number and 3rd triangular number is\_\_\_\_. **1**  
a) 2      b) 3      c) 4      d) 6
13. The volume of a cube of each side length 10 cm \_\_\_\_\_. **1**  
a) 100 cubic cm      b) 1000 cubic cm  
c) 10 cubic cm      d) 10,000 cubic cm









### SECTION B

**Section B consists of 9 questions of 2 marks each.**

14. Find the HCF of 12 and 15. **2**
15. Convert  $\frac{17}{20}$  into decimals. **2**
16. Find the 12<sup>th</sup> triangular number. **2**
17. Solve: **2**  
 $25 \text{ kg } 500\text{g} \times 8$

18. Find the volume of the cuboid with the following dimensions: 2  
 $l = 12 \text{ cm}$ ,  $b = 10 \text{ cm}$ ,  $h = 6 \text{ cm}$

19. The following table shows the shapes along with their tally marks. Based on this table answer the questions below: 2

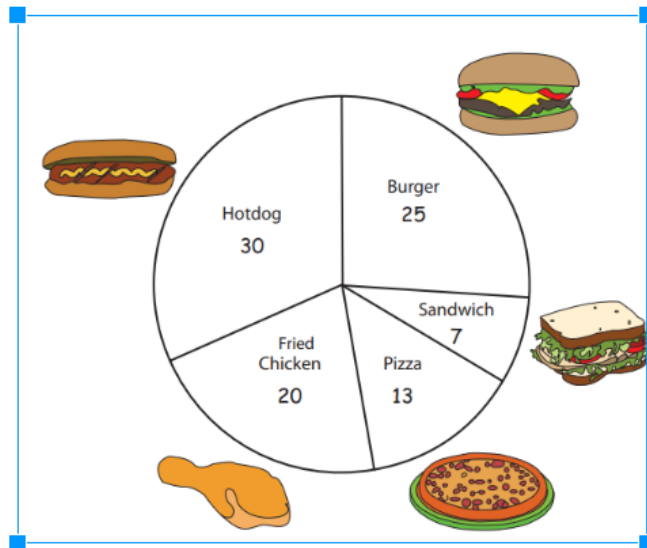
S.No	Shapes	Tally Marks
(i)		
(ii)		
(iii)		
(iv)		

- a) How many tally marks are given for the shape circle?  
 b) How many marks are given for the shape rectangle?
20. a) Complete the pattern: 2  
 1, 7, 13, 19, \_\_\_\_, \_\_\_\_.  
 b) Which of the following does not have the rotational symmetry?  
 i) A    ii) H    iii) O    iv) X
21. The side of a square is 110 cm long. Find its perimeter. 2

22.

Below is a pie chart, showing the favourite food items among the customers. Based on this pie-chart, answer the questions given below:

2



- Which is the most favourite food among the customers?
- Which is the least favourite food among the customers?

### SECTION C

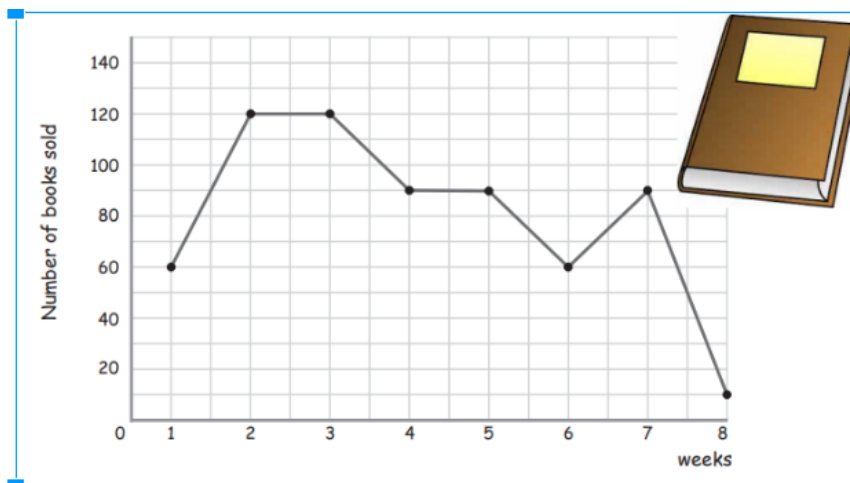
Section C consists of 5 questions of 3 marks each.

23.

Read the graph and answer the following questions

3

- How many books were sold in week 2?
- In which week minimum books were sold?
- In which week maximum books were sold?



- 24.** Use the clues below to write the decimal number. Be sure to put the decimal point in the correct place. Use the digits: 3 , 1 , 7 , 5 , 4 **3**
- a) The digit in the ones place is 1 less than the digit in the tenths place.  
b) 6 in the hundredths place.  
c) The digit in the tens place is less than the digit in the thousandths place.  
The number is: \_\_\_\_\_
- 25.** Find the number that you will get by adding the 5th and 7th triangular number. **3**
- 26.** A baby swimming pool in the shape of a rectangular prism is 30 feet long, 10 feet wide and 7 feet deep. How much water can it hold? **3**
- 27.** Find the difference in the volume of a cube of side 8 cm and of a cuboid of length 10 cm, breadth 3 cm and height 6 cm. **3**

### Section D

Section D consists of 1 question of 4 marks.

28. Suman had 4 pieces of rope out of which three measure  $\frac{6}{7}$  cm,  $\frac{11}{21}$  cm,  $\frac{5}{14}$  cm and the length of the rope is 3 cm, calculate the following: 4
- a. Total length of the 1st and 2nd piece.
  - b. Total length of all the 3 pieces.
  - c. Total length of the 4th piece.