Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

1. Write the following numbers in ascending order: 29980, 60000, 28990, 61000
   (a) 28990 < 29980 < 60000 < 61000   (b) 60000 < 29980 < 28990 < 61000
   (c) 61000 < 60000 < 28990 < 29980   (d) 29980 < 61000 < 28990 < 60000

2. What is the place value of 4 in 40600?
   (a) 4000   (b) 400   (c) 40000   (d) 40

3. Which number has a 3 in the tens place and a 3 in the hundreds place?
   (a) 6332   (b) 6233   (c) 6323   (d) 3362

4. A Bakery made 423 sandwiches in one day. The number of sandwiches rounded off to the nearest hundred is
   (a) 400   (b) 500   (c) 420   (d) 430

5. There are 4 cards numbered 9, 2, 5 and 6. Using these cards, the largest six-digit number that can be formed is:
   (a) 925666   (b) 966652   (c) 996652   (d) 999652

6. There are 4 cards numbered 9, 2, 0 and 6. Using these cards the smallest five-digit number that can be formed is:
   (a) 20269   (b) 20069   (c) 02669   (d) 20696

7. The predecessor of largest 5-digit number is:
   (a) 89999   (b) 98989   (c) 99998   (d) 98888

8. How many Roman numerals can be written using the symbols I, V and X only once?
   (a) 1 only   (b) 2 only   (c) 3 only   (d) more then 4

9. Which of the following is true?
   (a) 50294 < 40295   (b) 20459 > 20495   (c) 02459 = 20459   (d) 40259 < 42059

10. The place value of 5 in the numeral 83656 is more than its place value in the numeral by:
    (a) 5287   (b) 7508   (c) 62345   (d) 543210

11. 70 Th + 100 H + 50 O =
    (a) 70150   (b) 71050   (c) 80500   (d) 80050

12. 42587 is
    (a) Successor of 42588   (b) Predecessor of 42588
    (c) Predecessor of 42586   (d) None of these

ASSIGNMENT–2

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. The smallest 5-digit even number formed with different digits is ....

2. If we add 1 to the greatest 4-digit number, we get the smallest .... number.

3. The difference between successor and predecessor of a number is ....

4. The successor of 398 can be written in Roman numeral as ....

5. 3 tens + 1 hundred + 6 ten thousands + 8 lakhs + 4 ones = ...

B. Label True or False.

1. 3 lakhs > 30 thousands.   ....

2. The numbers in ascending order are written as: 14650 < 5460 < 2564 < 645.   ....

3. If 6529 is rounded to the nearest hundreds, it is 7000.   ....

4. The place value and face value of a digit at ones place is always the same. ....

5. The predecessor of the smallest 6-digit number is 99999.   ....

C. Match the following.

Column I	Column II
1. Eighty-two thousand nine hundred fifty-six	(*a*) 32611
2. Nine lakh five thousand four hundred eighty	(*b*) 70077
3. Thirty-two thousand six hundred eleven	(*c*) 703568
4. Seventy thousand seventy-seven	(*d*) 905480
5. Seven lakh three thousand five hundred sixty-eight	(*e*) 82956

D. Utilise Your Brain.

Use the clues to create a number in standard form.

- In the thousands place, the digit is an odd number greater than 5 but less than 9.

- The hundreds place is 5 less than the thousands place.

- The tens and ones place are both the smallest odd digit.

- Ten thousands place is the greatest even digit.

- The lakhs place is 1 more than the ten thousands place.

ASSIGNMENT–3

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

1. The sum of the greatest 5-digit number and the least 6-digit number is
   (a) 199998   (b) 100999   (c) 199999   (d) 999991

2. 14 thousands + 16 hundreds + 5 tens =
   (a) 14605   (b) 15650   (c) 15565   (d) 166550

3. The difference of the greatest and smallest numbers formed by the digits 4, 7, 5, 9, 0, 1 is
   (a) 925052   (b) 316377   (c) 782781   (d) 870831

4. The difference between the place values of 4 in 24978 and 540000 is
   (a) 36000   (b) 396000   (c) 405013   (d) 44000

5. Estimated difference of 34510 – 12856 to the nearest thousands is
   (a) 21000   (b) 22000   (c) 23000   (d) 20000

6. 64859 – 10000 =
   (a) 74859   (b) 43859   (c) 54859   (d) 44858

7. When we add 45682 to 845610, we get
   (a) 856428   (b) 864922   (c) 874592   (d) 891292

8. The number which is 3000 less than 13800 is
   (a) 13500   (b) 10800   (c) 16200   (d) 21800

9. 125000 is one less than
   (a) 125001   (b) 124099   (c) 124999   (d) 126000

10. Estimated sum of 4332 + 7610 to the nearest thousands is
    (a) 11000   (b) 11942   (c) 12000   (d) 11900

11. Which of following facts will be completed by filling the number 1 in the blanks?
    (a) 92122 – 0 = _____   (b) 34212 – 34212 = _____
    (c) 126000 – _____ = 125999   (d) 78765 = _____ – 10000

12. Which of the following will give the result as 80083?
    (a) 48156 + 1 = _____   (b) 67125 + 0 = _____
    (c) 43719 + 37243 = _____   (d) 78083 + 8000 = _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. The sum of the successor of 6489 and the predecessor of 34561 is ....

2. The difference between the predecessor of 90000 and the successor of 39999 is ....

3. .... added to 71458 gives 80458.

4. 50 thousands 60 hundreds – 5060 tens = ...

5. In 8030 + ☐ ? = 9990, the hundreds digit of the missing number is ....

B. Label True or False.

1. 25 thousands 17 hundreds 8 ones + 1000 = 26780 ones   ....

2. The place value of thousands digit in the sum of 6537 + 5478 is 1000.   ....

3. 100000 + 50000 + 4000 + 1 = 200000 – 45009   ....

4. 10000 – 730 tens = 270 tens.   ....

5. The difference between 7 lakhs 23 tens and 723 thousands is 0.   ....

C. Match the following.

Column I		Column II	
1. 100 less than 6000	(a)	8096
2. 550 less than 2550	(b)	925
3. 900 less than 8996	(c)	899
4. 6 hundreds more than 325	(d)	5900
5. 80 tens more than 99 ones	(e)	2000

D. Utilise Your Brain.

The table shows the number of people visiting Amrit Udyan over 2 months in 2024.
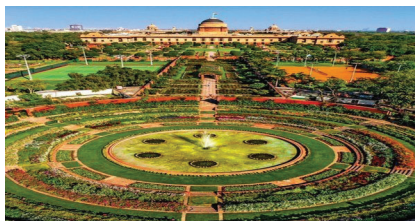
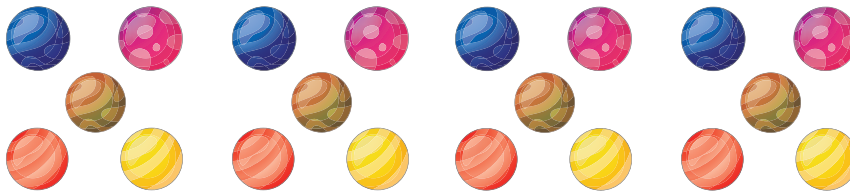|	February	March
Child	254163	326454
Adult	158920	?
Senior	?	78531
Total	450000	500000

1. What is the total number of children that visited the Amrit Udyan in 2024?

2. How many adults visited the museum in March?

3. Compared to February, how many more seniors go to the Udyan in March?
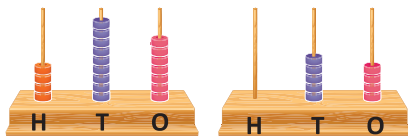
Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

1. Murari arranged some marbles as shown,

   Which of the following facts is best represented by grouping of marbles?
   (a) $5 + 5 + 5 + 5$ (b) 4×5 (c) $4 + 4 + 4 + 4 + 4$ (d) Both (a) and (b)

2. A factory manufactures 617 shoes in a day. How many shoes will it manufacture in a week?
   (a) 4319   (b) 4309   (c) 5319   (d) 3419

3. The product of the two numbers shown on the spike abacuses is:

   (a) 26388   (b) 26848   (c) 26838   (d) 27838

4. Study the given number sentences.

   $\square \times \triangle = 27$
   $\triangle + \square = 12$

   If these number sentences are true, which of the following may be correct?
   (a) $\square = 9, \triangle = 3$ (b) $\square = 3, \triangle = 9$ (c) $\square = 6, \triangle = 18$ (d) $\square = 5, \triangle = 15$

5. Which of the following will be at ones place in the product of $1 \times 2 \times 3 \times 4 \times ... \times 8 \times 9$?
   (a) 1   (b) 2   (c) 0   (d) 3

6. How many zeros are there in the product of 625×16?
   (a) 2   (b) 4   (c) 5   (d) None

7. If $72 \times M = 72000$, then $683 \times M =$
   (a) 68300   (b) 6830   (c) 683000   (d) 72683

8. Estimated product of 418×184 is
   (a) 80000   (b) 75600   (c) 76912   (d) 72000

9. A typist types 25 words per minute. How many words will she type in 3 hours?
   (a) 1500   (b) 4500   (c) 450   (d) 15000

10. There are 90 general seats in one coach and 6 such coaches in a train. If minimum fare between two stations is ₹30, how much money can be collected from booking of all these seats?
    (a) ₹2700   (b) ₹5400   (c) ₹1800   (d) ₹16200

Multiplication

ASSIGNMENT–6

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. $100 \times$ _____ $= 99900$
2. $125 \times 8 = 10 \times$ _____
3. $248 \times 9 = (200 +$ _____ $+ 8) \times 9$
4. _____ $\times 4000 = 100000$
5. $56 \times 0 \times 187 =$ _____

B. Label True or False.

1. The product of successor and predecessor of greatest 2-digit number is 9800.   ....
2. The place value of ten thousands digit in the product of 650×478 is 10000.   ....
3. The sum and product of first three counting numbers are the same.   ....
4. The product of the two place values of 5 in 85645 is 2500 tens.   ....
5. $325 \times (10 \times 18) = 585$ hundreds.   ....

C. Match the following.

Column I	Column II
1. 56×1000	(a) 187×369
2. 369×187	(b) 8
3. Tens digit of the product $2 \times 4 \times 6 \times 8$	(c) 988000
4. $5 \times (25 \times 125)$	(d) 56000
5. $(999 + 1) \times (989 - 1)$	(e) $(5 \times 25) \times 125$

D. Utilise Your Brain.

A hotel has 7 floors. The lobby, restaurant and gym are located on the ground floor. The guestrooms are on 1st to 6th floors.

1. If there are 35 standard rooms on each floor, how many standard rooms are there?
2. If each standard room can fit 2 guests, what is the maximum number of guests that all the standard rooms can accommodate?
3. There are 18 suites altogether in the hotel. Each suite has 3 beds and there is a bed side table beside each side of each bed. How many bed side tables are there in all the suites?

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

1. Naved and his dad went fishing. Naved caught 7 fish and his dad caught 21 fish. How many times more fish did Naved's dad catch than Naved?

   (*a*) 3   (*b*) 6   (*c*) 14   (*d*) 28

2. 222 ÷ 6 = _____

   (*a*) 37   (*b*) 58   (*c*) 27   (*d*) 15

3. The product of two numbers is 476. If one number is 34, what is the other number?

   (*a*) 442   (*b*) 104   (*c*) 14   (*d*) 24

4. If 5 transistors cost ₹1525, find the cost of each transistor.

   (*a*) ₹305   (*b*) ₹35   (*c*) ₹350   (*d*) ₹303

5. Madhav divided 3250 by 18 and obtained a quotient of 179 and remainder of 28. For this problem, which of these checks will help Madhav to find out his mistakes?

   (*a*) Check if remainder < dividend

   (*b*) Check if Quotient × Divisor + Remainder = Dividend

   (*c*) Check if remainder < divisor

   (*d*) Check his calculations of 18 × 1, 18 × 7 and 18 × 9

6. Shalu has 57 beads. If she wants to split the beads evenly between her 4 friends, how many beads will she have left over?

   (*a*) 1   (*b*) 2   (*c*) 3   (*d*) 4

7. 441 is completely divisible by which of these numbers?

   (*a*) 3   (*b*) 2   (*c*) 5   (*d*) 6

8. 280 ÷ 8 = ?

   (*a*) 35   (*b*) 38   (*c*) 40   (*d*) 42

9. 6504 ÷ 5 gives Q = _____ , R = _____

   (*a*) 127, 2   (*b*) 130, 4   (*c*) 13, 4   (*d*) 31, 4

10. Dividing 4,509 by 9 gives

    (*a*) 51   (*b*) 500   (*c*) 501   (*d*) 510

11. A roller coaster holds of 184 people. If each car holds 8 people, how many cars are there?

    (*a*) 854   (*b*) 365   (*c*) 25   (*d*) 23

12. Dividing 860 by 4 and multiplying the result by 2 will give

    (*a*) 215   (*b*) 430   (*c*) 645   (*d*) 105

ASSIGNMENT–8

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. $1000 \times$ _____ $+ 913 = 45913$

2. $25 \times 81 + 17 =$ _____

3. If $245 \times 9 = 2205$, then $2205 \div 9 =$ _____

4. Estimated quotient for $84205 \div 79 =$ _____

5. $222 \times$ _____ $\div 37 = 0$

B. Label True or False.

1. In $728 \div 8 = 91$, 91 is the product. ....

2. For the problem $2406 \div 6$, the first digit of the quotient will be at hundreds place. ....

3. The sum of digits in the quotient of $4236 \div 12$ is 11. ....

4. If quotient = 369, divisor = 15 and remainder 10, then dividend = 3705. ....

5. 32 hundreds $\div$ 4 tens = 80 tens. ....

C. Match the following.

Column I	Column II
1. 5600×8	(*a*) 70 tens
2. $5600 + 8$	(*b*) 1010 ones
3. $5600 \div 8$	(*c*) 448 hundreds
4. $5600 - 8$	(*d*) 5608
5. $9054 \div 9 + 4$	(*e*) 5592

D. Utilise Your Brain.

A play centre has an indoor playground and 4 party rooms. Children can go in to play or have their birthday parties there.

1. There is a limit of 95 children in the indoor playground. If there are 67 children playing in the playground, how many more children can the staff let in?

2. The centre is open for 11 hours each day. Each party takes 3 hours. What is the maximum number of parties the centre can host in a day?

3. The party room costs ₹480 to rent. If there are more than 20 children, the center will charge each extra guest ₹25. How much will a party of 28 children cost?

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

1. Determine which is a factor of 40.
   (*a*) 6 　　　　　(*b*) 5 　　　　　(*c*) 7 　　　　　(*d*) 11

2. Determine which is a multiple of 8.
   (*a*) 48 　　　　(*b*) 20 　　　　(*c*) 34 　　　　(*d*) 52

3. The first four multiples of 9 are
   (*a*) 9, 18, 27, 36 　(*b*) 9, 18, 36, 72 　(*c*) 9, 27, 45, 63 　(*d*) 18, 27, 36, 45

4. What are the first two common multiples of 2 and 5?
   (*a*) 8 and 10 　　(*b*) 4 and 15 　　(*c*) 10 and 20 　　(*d*) 5 and 10

5. Which of the following is divisible by 2?
   (*a*) 135 　　　　(*b*) 347 　　　　(*c*) 741 　　　　(*d*) 258

6. Which of the following is divisible by 3?
   (*a*) 256 　　　　(*b*) 753 　　　　(*c*) 842 　　　　(*d*) 1024

7. Which of the following is a prime number?
   (*a*) 43 　　　　(*b*) 69 　　　　(*c*) 81 　　　　(*d*) 75

8. Which of the following is incorrect?
   (*a*) The greatest factor of a number is the number itself.

   (*b*) 1 is the smallest multiple of every number.

   (*c*) Every composite number can be expressed as the product of prime factors.

   (*d*) The smallest prime number is even.

9. The prime factorization of the number 76 is
   (*a*) $2 \times 2 \times 3 \times 7$ 　(*b*) $2 \times 3 \times 19$ 　(*c*) $2 \times 2 \times 2 \times 9$ 　(*d*) $2 \times 2 \times 19$

10. How many factors does the number 50 have?
    (*a*) 2 　　　　　(*b*) 3 　　　　　(*c*) 6 　　　　　(*d*) 7

11. How many multiples of 7 lie between 40 and 85?
    (*a*) 5 　　　　　(*b*) 7 　　　　　(*c*) 6 　　　　　(*d*) 12

12. In the given factor tree, the values of A, B and C are -------, ---------- and --------- respectively.
    (*a*) 210, 6, 35 　　(*b*) 210, 35, 6
    (*c*) 6, 35, 210 　　(*d*) 35, 6, 210
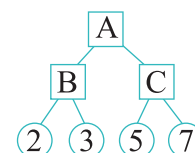
    A
    B　　C
    2　3　5　7

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. The 7th multiple of 8 is_____ .
2. The smallest factor of a number is _____ .
3. The first common multiple of the numbers 5 and 9 is _____ .
4. _____ is the smallest composite number.
5. The number divisible by 10 always has ones digit_____ .

B. Label True or False.

1. Every number is the multiple of itself ....
2. 4 is a multiple of 28. ....
3. The greatest 2-digit number is a prime number. ....
4. The smallest 2-digit number is a composite number. ....
5. 3248 is divisible 6. ....

C. Match the following.

Column I	Column II
1. The first odd composite number	(a) 710
2. Neither prime nor composite number	(b) 3
3. Number divisible by 5	(c) 2
4. The greatest common factor of 3 and 12	(d) 1
5. The smallest prime number	(e) 9

D. Utilise Your Brain.

Select the numbers given below and write it in appropriate boxes.

2, 6, 9, 11, 17, 88

Even number			
Odd number			
	Prime number	Factors of 18	Multiples of 11

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

1. What fraction of the given figure is shaded?
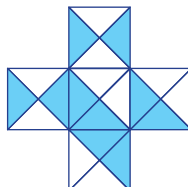
   (a) $\dfrac{1}{3}$ (b) $\dfrac{1}{2}$ (c) $\dfrac{1}{4}$ (d) 00

2. One-third of 72 is
   (a) 144   (b) 48   (c) 24   (d) 216

3. Identify the example of a proper fraction.
   (a) $\dfrac{5}{7}$ (b) $\dfrac{4}{3}$ (c) $\dfrac{16}{15}$ (d) $1\dfrac{1}{21}$

4. Which of the following fractions is equal to $\dfrac{1}{8}$?
   (a) $\dfrac{4}{16}$ (b) $\dfrac{3}{12}$ (c) $\dfrac{2}{14}$ (d) $\dfrac{4}{32}$

5. How can $2\dfrac{2}{5}$ be represented?
   (a) $\dfrac{10}{15}$ (b) $\dfrac{9}{15}$ (c) $\dfrac{12}{5}$ (d) $\dfrac{12}{2}$

6. What is the sum of $\dfrac{4}{13}$, $\dfrac{3}{13}$ and $\dfrac{6}{13}$?
   (a) $\dfrac{1}{3}$ (b) $\dfrac{12}{13}$ (c) 1   (d) $\dfrac{11}{13}$

7. What is the difference between $\dfrac{12}{19}$ and $\dfrac{4}{19}$?
   (a) $\dfrac{8}{19}$ (b) $\dfrac{16}{38}$ (c) $\dfrac{16}{19}$ (d) 8

8. What should be added to $\dfrac{11}{17}$ to make it $\dfrac{14}{17}$?
   (a) $\dfrac{25}{17}$ (b) 3   (c) $\dfrac{25}{34}$ (d) $\dfrac{3}{17}$

9. $\dfrac{3}{4} + \dfrac{2}{4}$ what type of fraction is it?

   (a) A proper fraction   (b) An improper fraction
   (c) A mixed fraction   (d) A unit fraction

10. If $\dfrac{7}{12} = \dfrac{10 + \square}{24}$, then $\square =$
   (a) 3   (b) 4   (c) 12   (d) 6

ASSIGNMENT–12

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. The fraction having numerator 10 – 8 and denominator 10 + 8 is_____ .
2. The two or more fractions having the same denominator are called_____ fractions.
3. The simplest form of the fraction $\frac{48}{64}$ is _____ .
4. $\frac{8}{24}$ is _____ than $\frac{18}{24}$.
5. $\frac{1}{31}$ is an example of a/an _____ fraction.

B. Label True or False.

1. A proper fraction is always less than 1. ....
2. The fractions $\frac{11}{21}, \frac{11}{19}, \frac{11}{16}, \frac{11}{10}$ are in descending order. ....
3. $\frac{41}{13}$ can be expressed as $3\frac{2}{13}$. ....
4. $\frac{1}{4} + \frac{1}{4} > \frac{3}{4} - \frac{1}{4}$. ....
5. There are 16 girls in a class of 36 students. So, fraction of boys in the class is $\frac{20}{36}$. ....

C. Match the following.

Column I	Column II
1. $\frac{3}{9} = \frac{?}{45}$	(a) 4
2. $\frac{11}{14} - \frac{?}{14} = \frac{1}{2}$	(b) 6
3. $6\frac{1}{4} = \frac{? \times 4 + 1}{4}$	(c) 15
4. $\frac{1}{4}$ of ? = 5	(d) 14
5. $\frac{21}{42} = \frac{7}{?}$	(e) 20

D. Utilise Your Brain.

Sayon had 3 building sets and 18 toy cars in his toy box.

At his birthday party, he received 20 gifts. He got 3 train sets, 4 building sets and 9 toy cars. The rest of the gifts are comic books. $\frac{3}{4}$ of the gifts are wrapped. $\frac{1}{5}$ of the wrapped gifts are wrapped in blue wrapping paper.

1. What fraction of the gifts are comic books?
2. What fraction of his toy cars are new?
3. What fraction of his building sets are old?
4. How many gifts are wrapped in blue wrapping paper?

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

1. Which of the following shows 0.4?

   (a)   (b)   (c)   (d)
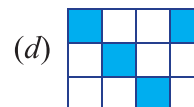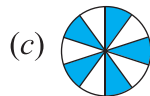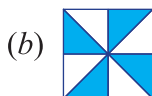
2. The shaded portion in the given figure can be represented as

   (a) 18 hundredths   (b) $\dfrac{18}{100}$

   (c) 0.08   (d) all of these
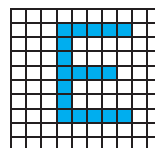
3. The value of 6 tenths and 4 hundredths is

   (a) 60.04   (b) 60.4   (c) 0.64   (d) 0.064

4. Write the decimals number for $\dfrac{48}{100}$

   (a) 0.48   (b) 0.4   (c) 0.048   (d) 0.8

5. The decimal numeral 79.23 can be written as

   (a) $79\dfrac{23}{100}$ (b) $89\dfrac{23}{100}$ (c) $29\dfrac{23}{100}$ (d) $23\dfrac{79}{100}$

6. The number name of 86.07 is

   (a) eighty six   (b) eighty-six point zero seven

   (c) eighty-six point seven   (d) eighty seven

7. Which of the following has the digit 1 at tens place?

   (a) 31.2   (b) 0.13   (c) 13.0   (d) 1.3

8. The expanded form of 2.76 =

   (a) 2 tens + 7 tenths + 6 hundredths   (b) $2 \times 1 + \dfrac{7}{10} + \dfrac{6}{100}$

   (c) 2 + 0.7 + 0.06   (d) all of these

9. Rename the following as hundredth 0.8

   (a) 0.80   (b) 0.08   (c) 800   (d) 0.008

10. 1063 rupees 75 paise = _____

    (a) ₹1063.75   (b) ₹10637.5   (c) ₹106.375   (d) ₹10.6375

11. $6 + \dfrac{6}{10} + \dfrac{8}{100}$ written in decimals as

    (a) 66.8   (b) 6.68   (c) 0.668   (d) 6.78

ASSIGNMENT–14

Marks Obtained: _____

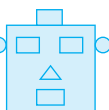Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. The fractions having denominators 10, 100, 1000, etc. are called _____ fractions.

2. The place value of 4 in the numeral 23.41 is_____ .

3. The decimal form of the fraction $\frac{481}{100}$ is _____ .

4. The numeral 143.75 can be read as _____.

5. $200 + 9 + \frac{7}{100} + \frac{3}{10}$ is the expanded form of _____.

B. Label True or False.

1. The decimal part is always less than a whole. ....

2. The fraction $\frac{1782}{100}$ can be written as 82.17. ....

3. The place value of 2 in the numeral 2.45 is 200. ....

4. 3 tens is 100 times bigger than 3 tenths. ....

5. Twenty-one hundredths is written as 2100. ....

C. Match the following.

Column I	Column II
1. $3\frac{17}{10}$	(a) 1.4
2. 17 tens + 3 hundredths =	(b) 3.17
3. $7 + \frac{3}{100} + \frac{1}{10} =$	(c) 170.03
4. 17 tenths + 3 tens =	(d) 7.13
5. $\frac{21}{10} - \frac{7}{10} =$	(e) 31.7

D. Utilise Your Brain.

Anmol has a square sheet. He folds it into halves and then quarters. Further, he divides its one-fourth into 25 equal parts and shades some parts as shown below.

1. Can you say what part of the sheet does he shade? Express your answer is decimal form.

2. If he makes same pattern in other parts also, what part of sheet will be left unshaded?

Introduction to Decimals
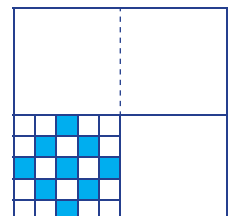
Student's Name: _____ Section: _____

Roll Number: _____ Date: _____
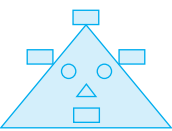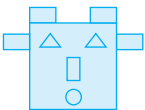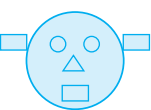
1. Which of the following can we use to trace a square?
   (*a*) Cube   (*b*) Coins   (*c*) Ball   (*d*) Notebook

2. Radius is _____ the diameter of the circle.
   (*a*) Quarter   (*b*) Half   (*c*) One–third   (*d*) Double

3. Which of the following figures contains exactly three rectangles?

   (*a*)   (*b*)   (*c*)   (*d*)

4. If the radius of a circle is 2.5 cm, its diameter is _____.
   (*a*) 5 cm   (*b*) 4 cm   (*c*) 7.5 cm   (*d*) 1.25 cm

5. How many lines can be drawn through two given points?
   (*a*) Zero   (*b*) One   (*c*) Two   (*d*) Infinitely many

6. What is the other name of a rectangle with four equal sides?
   (*a*) Square   (*b*) Parallelogram   (*c*) Triangle   (*d*) Rhombus

7. Which of the following is a simple closed curve but not a polygon?
   (*a*) Triangle   (*b*) Circle   (*c*) Cone   (*d*) Rectangle
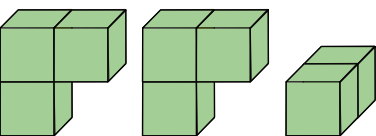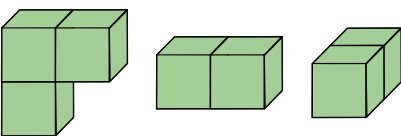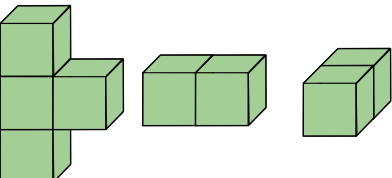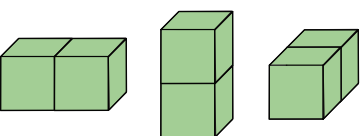
8. Which of the following points is not in line with the others?

   S
   P   Q   R

   (*a*) R   (*b*) Q   (*c*) P   (*d*) S

9. The cube in the figure was cut and separated into three pieces. Which of the following groups could be the three pieces of the cube?
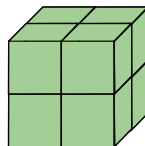
   (*a*)   (*b*)

   (*c*)   (*d*)

10. How many line segments are there in the given figure?
    (*a*) 8   (*b*) 9   (*c*) 12   (*d*) 10

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. A line segment has .... end points.
2. In an angle, ... is the place where its two arms meet.
3. A .... is a chord that passes through the centre of the circle.
4. The line segment that connects the centre to a point on the circle is called ....
5. The line segment joining two non-consecutive vertices of a polygon is called ....

B. Label True or False.

1. A cylinder has 3 faces, 2 edges and 1 vertex. ....
2. A simple closed curve is known as a polygon. ....
3. A line is a collection of points that extends infinitely in both the directions. ....
4. A bowl is an example of a hemisphere. ....
5. A circle has neither side nor vertex. ....

C. Match the following.

Column I	Column II
1. A polygon with three sides	(a) Parallelogram
2. The shape of a funnel	(b) Cube
3. A simple closed curve without side and corner	(c) Cone
4. A quadrilateral with opposite sides equal	(d) Triangle
5. A solid with six square faces	(e) Oval

D. Utilise Your Brain.

Sugandha made the four plane shapes and mark some points in their interior regions as shown below.

Look at the figure and find how many points are there in the interior of:
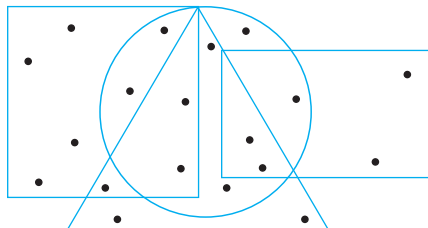
1. the circle.
2. the square or rectangle but not in the circle.
3. the triangle only.

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

1. How many lines of symmetry does the letter "X" have?

(a) 0 (b) 1 (c) 2 (d) 3

2. How many lines of symmetry does this shape have?

(a) 2 (b) 3 (c) 4 (d) 6

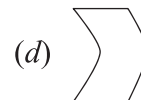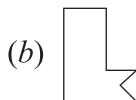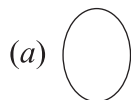**3.** How many lines of symmetry does a rectangle have?

(a) 2 (b) 4 (c) 6 (d) 8
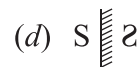
4. Which of the following is an asymmetrical figure?

(a)   (b)   (c)   (d)
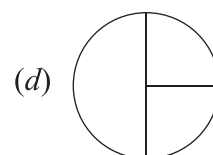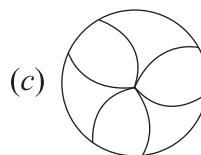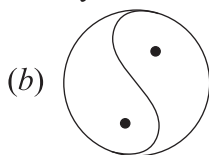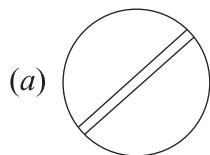
5. What will come next in the pattern? 1 2 4 7 11 _____

(a) 14 (b) 15 (c) 16 (d) 17

6. Which of these shapes can a title have?

(a)   (b)   (c)   (d)

7. Which of the following has been reflected?

(a) R R (b) M M (c) N N (d) S S

8. Which of the following numbers will replace the '?' mark?

	8	4	
11	88	20	5
9	?	150	10
	7	15	

(a) 16 (b) 63 (c) 60 (d) 130

Student's Name: _____ Section: _____
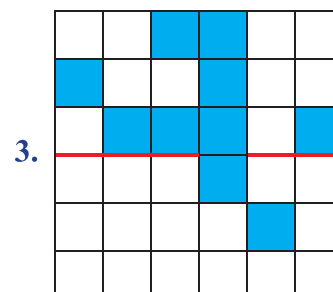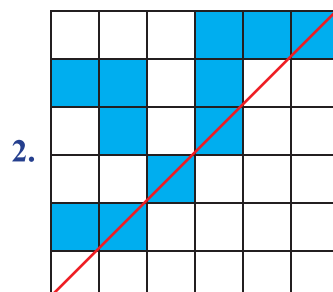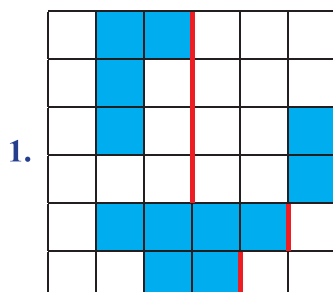
Roll Number: _____ Date: _____

A. Fill in the blanks.

1. A circle has .... lines of symmetry.
2. 5, 15, 35, 75, 155, ...
3. The .... of a rhombus is its line of symmetry.
4. 1, 8, 27, 64, 125, ...
5. A triangle can have atmost .... lines of symmetry.

B. Match the following.

Column I	Column II
1.	(a)
2.	(b)
3.	(c)
4.	(d)
5.	(e)

C. Utilise Your Brain.

At least how many blocks would you shade so that the given line to be a line of symmetry of the whole figure?

1.   2.   3.

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

1. 500 grams of ghee is _____ a kilogram.

   (a) more than   (b) less than   (c) equal   (d) none of these

2. How many centimetres are there in 21 m 8 cm?

   (a) 218 cm   (b) 2108 cm   (c) 2180 cm   (d) 21008 cm

3. 10 glasses of 100 mL make _____.

   (a) 1 litre   (b) half of a litre   (c) 2 litre   (d) Quarter of a litre

4. After taking 3 doses each of 5 mL for 2 days, it is left _____ mL in the bottle of 100 mL medicine.

   (a) 15   (b) 30   (c) 70   (d) 85

5. 250 mg + _____= 1 g

   (a) 750 g   (b) 650 mg   (c) 75 dg   (d) 75 cg

6. Quarter of a km is _____.

   (a) 250 m   (b) 25 dam   (c) 250 dm   (d) Both (a) and (b)

7. 2 L 500 mL = 800 mL + _____ + 1 L 250 mL.

   (a) 350 mL   (b) 200 mL   (c) 450 mL   (d) 2 L 50 mL

8. Which pair of numbers make the sum more than one quintal?

   (a) 25 kg and 75 kg   (b) 50 kg and 60 g   (c) 63 kg and 75000 g   (d) 800 g and 500 g

9. How many millilitres are there in 2 kL?

   (a) 20000   (b) 200   (c) 2000   (d) none of these

10. A water bottle can hold 2 litres of water. How many such water bottles are needed to fill a bucket whose capacity is 3 dag?

    (a) 15   (b) 5   (c) 10   (d) 20

11. 8 m 75 cm + 1 m 25 cm =

    (a) 1 m   (b) 10 m   (c) 100 m   (d) 1 km

12. 5 kg 35 g – 3 kg 625 g =

    (a) 141 g   (b) 410 g   (c) 1410 g   (d) 2590 g

13. In how many different ways can we combine the weights shown in the figure to get 2 kg?
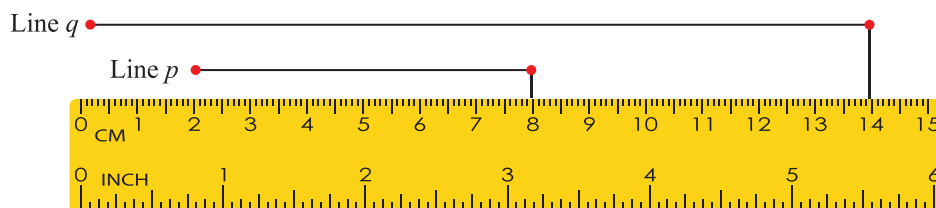

    (a) 2   (b) 3   (c) 4   (d) 5

Measurement
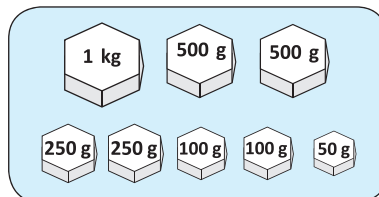
Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. To convert litre into millilitre, we _____ it by 1000.
2. To convert centimetre into metre, we divide it by _____.
3. Line q is longer than line p by _____ cm.

Line q •—————————————————————•

Line p •————————————————•

4. The weight of the cauliflower kept on the balance is _____ g.

250 g 100 g   1 kg

5. The amount of water in a container is 2 L 75 mL. If the capacity of the container is 5 L, then _____ more water is needed to fill the container up to its brim.

B. Label True or False.

1. The weight of a tennis ball is about 50 mg.   ....
2. The height a table is 6 ft 2 in.   ....
3. There is about 10 mL liquid in a bottle of eye-drop.   ....
4. The length of a bedsheet is about 2 m.   ....
5. The weight of a refrigerator is about 25 kg.   ....

C. Match the following.

Column I	Column II
1. 5 km + 6 km 25 m	(a) 3235 kg
2. 10 m – 3 m 75 cm	(b) 10375 L
3. 3 ton + 2 quintal 35 kg	(c) 5620 g
4. 15 kL – 4 kL 625 L	(d) 625 cm
5. 6 hg + 20 dag + 5 kg	(e) 11025 m

D. Utilise Your Brain.

Jolly wants to make some cookies and cupcakes for her mother. The recipe for cookies needs 120 g flour and 600 dg sugar. The recipe for cupcake needs 15 dag flour and 5000 cg sugar.
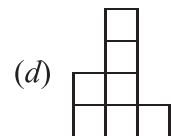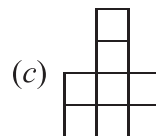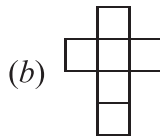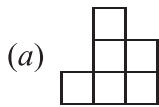
1. Which recipe needs more sugar?
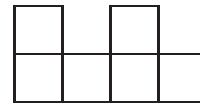2. How many grams of flour does she need altogether?

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

1. Each of the figures below is made up of identical 2 cm squares. Which one of the figures has the greatest perimeter?

   (a)   (b)   (c)   (d)

2. The given figure (not drawn to scale) is made up of 6 identical squares. The perimeter of the figure is 112 cm. What is the length of each side of the square?
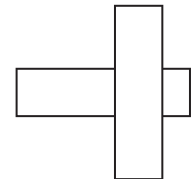
   (a) 8 cm   (b) 9 cm   (c) 10 cm   (d) 7 cm

3. The given figure is obtained by placing a rectangle on top of another identical rectangle. The length of a rectangle is 7 cm and its breadth is 2 cm. Find the perimeter of the figure.

   (a) 14 cm   (b) 28 cm   (c) 32 cm   (d) 18 cm

4. The given figure (not drawn to scale) is made up of a rectangle, a square and a triangle. Find the perimeter of the figure.

   7 cm   4 cm   9 cm   15 cm   5 cm   12 cm
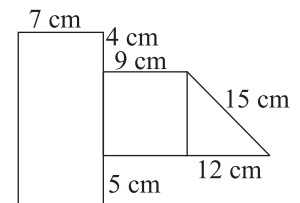
   (a) 68 cm   (b) 72 cm   (c) 85 cm   (d) 86 cm

5. Perimetre of a square is 20 cm, find the side of the square.
   (a) 10 cm   (b) 5 cm   (c) 6 cm   (d) 2 cm

6. If perimeter of a rectangle is 30 cm, which of the following can be length and breadth?
   (a) 19 cm, 11 cm   (b) 15 cm, 9 cm   (c) 9 cm, 6 cm   (d) 10 cm, 4 cm

7. Two sides of a triangle are 4 cm and 7 cm respectively. If its perimeter is 20 cm, what will be the length of its third side?
   (a) 5 cm   (b) 9 cm   (c) 11 cm   (d) 10 cm

8. The perimeter of all these figures are same. Which figure has the least area?

   (a)   (b)   (c)   (d)

Perimeter and Area

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.
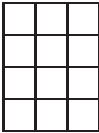
1. Perimeter of a polygon = _____
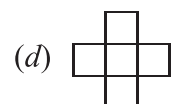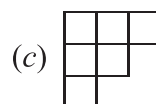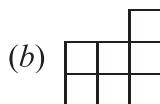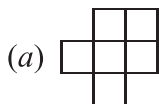2. Perimeter of a square = 4 × _____
3. If length = 22 cm and breadth = 18 cm, then perimeter of a rectangle = _____
4. The length of the _____ of a closed figure is called its perimeter.
5. The amount of surface enclosed by a plane closed figure is called the _____ .

B. Label True or False.

Anshika's mother wants to stitch a table cloth for the table which is 5 ft. long and 3 ft. wide.

1. Perimeter of the table top is 15 ft.   ....
2. Mother needs only 16 ft. of lace for the table cloth.   ....
3. Table cloth would be in the shape of a rectangle.   ....
4. If she has a roll of 20 ft. long lace, then 5 ft. of lace would be left. ....
5. The area of the table top is 15 sq. ft.   ....

C. Match the following.

Column I	Column II (Perimeter)	Column III (Area)
1.	(a) 12 units	A. 7 square units
2.	(b) 10 units	B. 4 square units
3.	(c) 14 units	C. 6 square units
4.	(d) 16 units	D. 12 square units
5.	(e) 8 units	E. 8 square units

D. Utilise Your Brain.

Jhilmil aunty wants to stitch the border of a pillow as given below. If she has 3 m long lace, then how much lace would be left after completing her pillow?

70 cm

30 cm   30 cm

70 cm
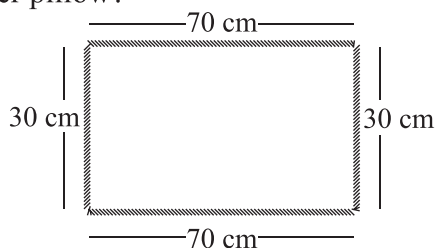
Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

1. How many weeks are there in 161 days?

   (*a*) 27   (*b*) 21   (*c*) 23   (*d*) 22

2. Sumanth was born in 1996. How old was he in 2023?

   (*a*) 23 years   (*b*) 27 years   (*c*) 28 years   (*d*) 29 years

3. A TV film starts at 5:15 p.m. on a Sunday. It runs for 2 hours 15 minutes. At what time does it end?

   (*a*) 7:30 p.m.   (*b*) 8:45 p.m.   (*c*) 7:45 p.m.   (*d*) 8:00 p.m.

4. How many minutes are there in a day?

   (*a*) 720   (*b*) 1440   (*c*) 1540   (*d*) 420

5. The sum of 6 years 8 months and 3 years 6 months is

   (*a*) 66 months   (*b*) 104 months   (*c*) 122 months   (*d*) 108 months

6. Sneha reached the library at 12:25 p.m. The bus ride to the library lasted 55 minutes. At what time did Sneha board the bus?

   (*a*) 11:30 a.m.   (*b*) 12:40 a.m.   (*c*) 11:30 p.m.   (*d*) 1:20 p.m.

7. Nagesh spent 3 hours 40 minutes over two days on his homework. If he spent the same amount of time each day, how much time was spent per day?

   (*a*) 1 hour 40 minutes   (*b*) 1 hour 70 minutes

   (*c*) 1 hour 20 minutes   (*d*) 1 hour 50 minutes

8. A clock is found to be slow by 5 minutes at 10 a.m. on Saturday. It started gaining time and was found to be 5 minutes fast at 10 p.m. on Sunday. When was it correct?

   (*a*) 10 p.m., Saturday   (*b*) 10 a.m., Sunday

   (*c*) 4 a.m., Sunday   (*d*) 4 p.m., Saturday

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

   (*a*) 13:37 hours   (*b*) 13:47 hours   (*c*) 15:47 hours   (*d*) 14:47 hours

10. Pragya ran a race in 109 seconds. She ran 12 seconds faster than Chandni. How long did Chandni take to run the race?

    (*a*) 1 minutes 37 second   (*b*) 1 minutes 39 seconds

    (*c*) 1 minute 42 seconds   (*d*) 2 minutes 1 second

11. How many weeks are there in 1 year?

    (*a*) 55   (*b*) 53   (*c*) 51   (*d*) 52

12. How many days were there in February 2019?

    (*a*) 27   (*b*) 28   (*c*) 29   (*d*) 30

Time

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

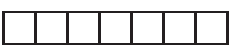1. If the day before yesterday was Thursday, then it will be _____ on tomorrow.
2. If the first Friday is on May 4, then the last Tuesday will be on _____ .
3. There are _____ seconds in 1 hour.
4. There are _____ hours in a week.
5. There are _____ days in the last six months of a year.

B. Label True or False.

1. The year 2100 will be a leap year. ....
2. Mitali started reading a book at 20:10 hours. She read it in 1 hour 45 minutes. So her finishing time was 9:55 am. ....
3. 210 minutes = 3 hours 30 minutes. ....
4. There are 1440 seconds in a day. ....
5. Seema is going on holiday for 3 weeks starting on the 11th November, she will come back on 1st December. ....

C. Match the following.

Column I	Column II
1. 3:25 hours before 12 noon	(*a*) 12:01 p.m.
2. 4:40 hours before 12 midnight	(*b*) 2:40 a.m.
3. 2 hours 5 minutes before 14:00 hours	(*c*) 19:20 hours
4. 160 minutes after 12 midnight	(*d*) 08:35 hours
5. 300 seconds after 11:56 hours	(*e*) 11:55 a.m.

D. Utilise Your Brain.

Harsh is waiting for his 2 friends at the cricket stadium. Sawan left his house at 9:20 a.m. and walked for 25 minutes before he arrived at the stadium. Smith left his house at 8:45 a.m. and walked for 55 minutes before he arrived at the stadium. Who arrived at the stadium earlier?
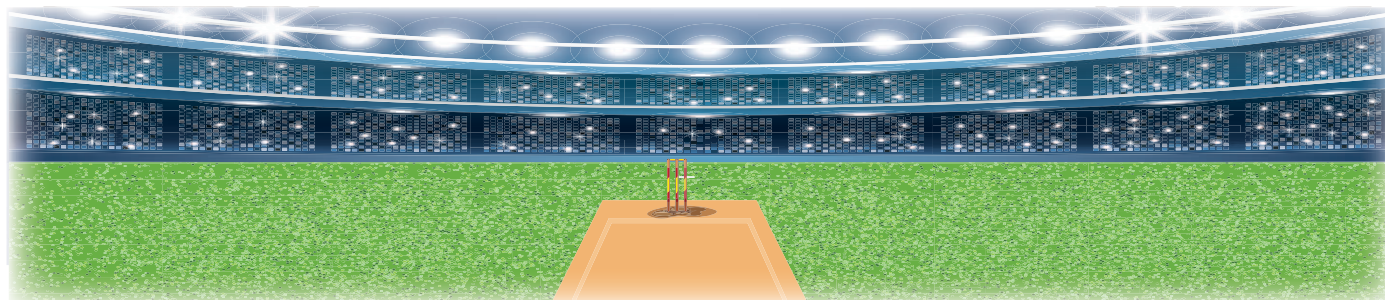
Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

1. Jai has 50 coins of ₹10, 60 coins of ₹5, 30 coins of ₹2, 20 coins of ₹20. How much money Jai has?

    (a) ₹900   (b) ₹980   (c) ₹1060   (d) ₹1260

2. See the table below and answer the following questions:

Items	Price
Dozen of Spoons	₹300
Dozen of Plates	₹710
Dozen of Tea cups	₹410
A pot	₹230
A bowl	₹130
Total	?

    What is the total cost of items on the price list?

    (a) ₹1870   (b) ₹1780   (c) ₹2000   (d) ₹1060

3. Lara bought a packet of peanuts for ₹130. If she paid ₹500, how much change did she receive?

    (a) ₹630   (b) ₹270   (c) ₹470   (d) ₹370

4. Nishi parked her scooty at a parking for 2 hours in which 1 hour costs ₹10. On paying she gave ₹50. How much change did she receive?

    (a) ₹30   (b) ₹40   (c) ₹20   (d) ₹60

5. Fire crackers cost ₹120 and a Christmas tree costs ₹53. If I pay ₹200 for a fire cracker and a Christmas tree, how much will my balance be?

    (a) ₹27   (b) ₹30   (c) ₹80   (d) ₹90

6. A day at the hotel costs ₹600. If I spend 8 days and pay ₹5,000 at the reception, how much is my change going to be?

    (a) ₹0   (b) ₹100   (c) ₹200   (d) ₹400

7. John had ₹500 to buy drinks and sandwiches for his birthday party. He bought 5 small bottles of drinks at ₹24 per bottle and 8 sand sandwiches at ₹16 per piece. How much money was left after the shopping?

    (a) ₹232   (b) ₹230   (c) ₹252   (d) ₹248

8. Price of two tables is equal to the price of five chairs. Arwind buys 4 tables and 4 chairs and paid ₹4396. Find the cost of 7 chairs.

    (a) ₹2198   (b) ₹2083   (c) ₹2188   (d) ₹2298

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. _____ 50-paise coins make ₹20.
2. The cost of 500 mL cooking oil at the rate of ₹125 per litre is_____ .
3. Three ₹5 coins, six ₹10 coins, seven ₹20 coins and two ₹50 notes amount to _____ .
4. The sum of ₹96.45 + ₹128.25 + ₹104.75 = ------------------ p.
5. ₹176 ÷ 4 = ₹11 × _____.

B. Label True or False.

1. The difference between ₹75 and ₹56.50 is ₹19.50. ....
2. Sujit earns ₹180 by selling 12 kg guavas. His earning is ₹15 for 1 kg guavas. ....
3. Chand sells candies at ₹0.50 per piece. He will give 25 candies for ₹50. ....
4. A shopkeeper buys wheat at ₹23 per kg and sells it at ₹25 per kg.
   He earning will be ₹200 per quintal. ....
5. A fruit seller sells bananas at the rate of ₹60 per dozen.
   So he will give 15 bananas for ₹80. ....

C. Match the following.

MENU

Samosa	₹12
Sandwich	₹25
Patties	₹15
Tea	₹8
Coffee	₹10
Cold drink	₹20

Column I	Column II
1. 2 samosas and 1 cold drink	(a) ₹132
2. 3 patties, 2 teas and 1 coffee	(b) ₹67
3. 4 sandwiches and 2 cold drinks	(c) ₹44
4. 1 samosa, 2 patties and 1 sandwich	(d) ₹140
5. 6 samosas, 1 cold drink and 5 teas	(e) ₹71

D. Utilise Your Brain.

Two bags of sugar cost ₹740 and buying one bag of sugar only costs ₹390. How much do you save by buying two bags of sugar at the same time rather than one at a time?
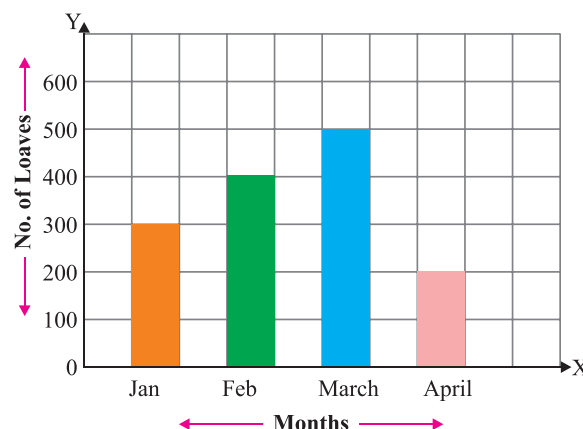
Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

Directions (Q.1–5): 60 children visit the zoo. They each vote for their favourite animal. Complete the table and answer the questions that follows:

Favourite Animal	Tally Marks	Number of Children
Cheetah	||||| |||	
Lion		22
Tiger	||||| ||||| |||	
Panther		8
Leopard	||||| |||||	

1. Maximum number of children voted for
   (*a*) Leopard   (*b*) Panther   (*c*) Lion   (*d*) Tiger

2. How many children voted for Leopard?
   (*a*) 7   (*b*) 8   (*c*) 10   (*d*) 13

3. How many more children voted for Tiger than Panther?
   (*a*) 5   (*b*) 4   (*c*) 3   (*d*) 2

4. Minimum number of children voted for
   (*a*) Panther   (*b*) Lion   (*c*) Tiger   (*d*) Cheetah

5. How many fewer children voted for Cheetah than Lion?
   (*a*) 13   (*b*) 15   (*c*) 12   (*d*) 9

Directions (Q.6-7): The graph given below shows the number of loaves of bread baked in a bakery in the first four months of a year. Study the graph and answer the questions that follows:

6. How many more loaves were baked in March than in April?
   (*a*) 100   (*b*) 200   (*c*) 300   (*d*) 400

7. How many loaves of bread were baked in all?
   (*a*) 1000   (*b*) 700   (*c*) 1200   (*d*) 1400

ASSIGNMENT–28

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

These two pictographs compare how many cups of coffee and tea a shop sold in 5 weeks.

Week	Cups of Coffee
Week 1	☕ ☕ ☕
Week 2	☕ ☕ ☕ ☕ ☕
Week 3	☕ ☕ ☕ ☕ ☕
Week 4	☕ ☕ ☕ ☕
Week 5	☕ ☕ ☕ ☕

☕ = 60 cups   ☕ = 30 cups

Week	Cups of Tea
Week 1	🍵 🍵 🍵 🍵
Week 2	🍵 🍵 🍵 🍵
Week 3	🍵 🍵 🍵
Week 4	🍵 🍵 🍵 🍵 🍵
Week 5	🍵 🍵 🍵

🍵 = 100 cups   🍵 = 50 cups

Study the pictograph and complete the following statements.

1. _____ cups of coffee were sold on week 4.
2. On week _____ the shop sold 210 cups of coffee.
3. The shop sold _____ less cups of tea on week 1 than week 2.
4. On week _____ they sold more than 400 cups of tea.
5. _____ cups of coffee and tea were sold in the 3rd week.

B. Label True or False.

A courier agency got some parcels whose weights are given below.

$1\frac{1}{2}$ kg	1 kg	$\frac{3}{4}$ kg	2 kg	$2\frac{1}{2}$ kg	$\frac{3}{4}$ kg	$1\frac{1}{2}$ kg	2 kg	2 kg	$\frac{3}{4}$ kg
$1\frac{1}{2}$ kg	2 kg	$\frac{3}{4}$ kg	2 kg	1 kg	$1\frac{1}{2}$ kg	1 kg	$\frac{3}{4}$ kg	2 kg	1 kg

1. 5 parcels have less than 1 kg weight. ....
2. 10 parcels have more than 1 kg weight. ....
3. 6 parcels have 2 kg weight. ....
4. Total 4 parcels have their weight between 1 kg and 2 kg. ....
5. Total weight of these parcels is more than 30 kg. ....

C. Utilise Your Brain.

In a class, 24 students like to play indoor game, 25 students like to play outdoor game and 11 students like both type of game. If every students like at least one game, how many students are there in the class?