Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

Identify the correct answer.

1. The successor of the greatest 5-digit number is:
   (*a*) 99999   (*b*) 10000   (*c*) 100000   (*d*) 9999

2. How many 2-digit numbers are there?
   (*a*) 99   (*b*) 90   (*c*) 100   (*d*) 89

3. How many 5-digit numbers are there?
   (*a*) 99999   (*b*) 9000   (*c*) 10000   (*d*) 90000

4. The smallest 5-digit number formed using the digits 4, 6, 8, 9, 0 is
   (*a*) 46890   (*b*) 04689   (*c*) 98640   (*d*) 40689

5. Out of the following numbers, which number has the place value of 8 as 8000?
   (*a*) 35832   (*b*) 43248   (*c*) 54682   (*d*) 48054

6. 48 in Roman Numerals is
   (*a*) LVIII   (*b*) LXVIII   (*c*) XLVIII   (*d*) XVIIIL

7. If a number has to be rounded off to the nearest ten thousand then digit at which place will be taken?
   (*a*) Tens   (*b*) Hundreds   (*c*) Thousands   (*d*) Ten Thousands

8. With which place does a 7-digit number start in the Indian place value system?
   (*a*) Lakh   (*b*) Ten thousands   (*c*) Ten lakhs   (*d*) Crores

9. Identify the place with which an 8-digit number starts in the International place value system.
   (*a*) Millions   (*b*) Ten millions   (*c*) Hundred thousands   (*d*) Lakhs

10. Find the place of 0 in 36,04,85,298.
    (*a*) Ten lakhs   (*b*) Lakhs   (*c*) Zero   (*d*) 6 crores

11. Which of the following numbers has the greatest value for digit 5?
    (*a*) 80503   (*b*) 5098   (*c*) 146857   (*d*) 7653231

12. Which of the following is greater than the smallest 7-digit number?
    (*a*) 90002   (*b*) 901993   (*c*) 1000111   (*d*) 0111210

13. How many crores are equal to 10 millions?
    (*a*) 10   (*b*) 1   (*c*) 10   (*d*) 100

14. How many zeroes follow 1 in the numeral for 10 millions?
    (*a*) 8   (*b*) 7   (*c*) 6   (*d*) 9

15. Identify the number name for 123,080,603.
    (*a*) One two three eighty thousand six hundre three.
    (*b*) One hundred twenty-three million eight thousand six hundred three.
    (*c*) One hundred twenty-three million eighty thousand six hundred three.
    (*d*) One twenty three million eighty thousand six hundred.

ASSIGNMENT–2

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. The smallest natural number is ....
2. The smallest whole number is ....
3. .... is the predecessor of 390099.
4. 60000 is the successor of ....
5. .... is the smallest 6-digit number formed with different digits.

B. Label True or False.

1. The predecessor of a two-digit number is never a single-digit number. ....
2. The greatest 7-digit even number is 9898988. ....
3. The successor of an eight-digit number is always an eight-digit number. ....
4. 3999 can be written in Roman numeral is MMMCMCXIX. ....
5. 569879 rounded off to the nearest thousand is 570000. ....

C. Match the following.

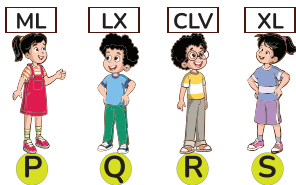| Column I	Column II	
1. The smallest whole number	(a)	CM
2. Predecessor of 1080	(b)	XI
3. The Successor of 2539	(c)	MMDXL
4. The number of 3-digit numbers	(d)	MLXXIX
5. The number of zeros used to write numbers from 1 to 100	(e)	Cannot be expressed in Roman numerals

D. Utilise Your Brain.

Form a 7-digit number (without repetition) whose sum of digits is 38.

ASSIGNMENT–3

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

Identify the correct answer.

1. Which of the following property of multiplication is shown in the statement given below?

   $3 \times 6 = 6 \times 3$

   (a) Associative   (b) Distributive   (c) Identity   (d) Commutative

2. The correct order to apply operations is

   (a) Addition - Multiplication - Division - Subtraction

   (b) Division - Multiplication - Subtraction - Addition

   (c) Division - Multiplication - Addition - Subtraction

   (d) Subtraction - Addition - Multiplication - Division

3. The sum of the greatest 8-digit number and smallest 9-digit number is

   (a) 1,99,99,999   (b) 19,99,99,999   (c) 99,99,99,999   (d) 1,00,00,999

4. What is the difference of the greatest 7-digit number and the smallest 5-digit number?

   (a) 9,98,999   (b) 99,89,999   (c) 99,899   (d) 9,98,099

5. By how many times do the place values of the digits increase from right to left in a number?

   (a) 100   (b) 1000   (c) 10   (d) 0

6. Which of the following is equal to 75×100?

   (a) $75 \times 20 \times 5$ (b) $70 + 5 \times 100$ (c) $75 \times 10 + 90$ (d) $(75 \times 20) + (75 \times 5)$

7. For how many hundreds does the digit 9 stand in the product of 255 and 37?

   (a) 9000   (b) 90   (c) 90000   (d) 9

8. Observe the given figure.   ML   LX   CLV   XL   who has the largest number?

   P   Q   R   S

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

9. How many hundreds must be added to 30 thousands to get 1 million?

   (a) 97   (b) 9700   (c) 97000   (d) 970000

10. What is the sum of the values of the digit '8' in 438498?

    (a) 16   (b) 88   (c) 808   (d) 8008

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. The digit at ones place in the product of 473 and 867 is _____.

2. 1,00,000 + 5,00,000 + 75,00,000 = _____.

3. 42956 × 11787 = 11787 × 42956 × _____.

4. The sum of smallest 4-digit number and greatest 5-digit number is _____.

5. Digit at the hundreds place in the difference of 200,326 and 186,418 is _____.

6. 1 more than the predecessor of smallest 8-digit number is _____.

B. Label True or False.

1. The estimated quotient for 34546 ÷ 53, when the numbers are rounded off to the nearest 10 is 575.

   ....

2. One bike costs ₹65,673. The estimated cost of 156 such bikes is ₹1,02,44,988 when the numbers are rounded to the nearest 100. ....

3. When we divide 17,708 by 579, we get quotient as 30 and remainder as 0. ....

4. In a library, one book stand can hold 129 books. Therefore, 366 book stands are required for keeping 47,214 books. ....

5. Cost of one armchair is ₹10,556. Therefore, cost of 3000 such armchairs is ₹31,66,800 ....

C. Match the following.

Column I	Column II
1. 999999 ÷ 999	(a) 100004999
2. 1000 times 7,12,286	(b) 360000000
3. 5,60,000 ÷ 14,000	(c) 71,22,86,000
4. 5000 more than the greatest 8-digit number	(d) 40
5. 600 × 3000 × 200	(e) 1001

D. Utilise Your Brain.

Arti says, 'The product of 1 and 97,87,810 is equal to the product of 45,670 and 2143'.

Siya says, 'The product of 1 and 97,870,810 is equal to the product of 45,670 and 2143'.

Who is right?

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

Identify the correct answer.

1. Every number is the .... factor of itself.
   (*a*) greatest   (*b*) smallest   (*c*) equal to   (*d*) less than equal to

2. The factors of any number are .... the number.
   (*a*) equal to or less than   (*b*) equal to or greater than
   (*c*) equal to   (*d*) less than

3. We can find factors by ....
   (*a*) Multiplication   (*b*) Division
   (*c*) Multiplication & division   (*d*) Addition

4. Which of the following shows only multiples of 12?
   (*a*) 24, 36, 48, 60, 72   (*b*) 12, 18, 24, 30, 36   (*c*) 1, 2, 3, 4, 6, 12   (*d*) 12, 25, 36, 90

5. Which equation shows that 8 is a factor of 32?
   (*a*) 32 = 8 + 24   (*b*) 32 = 40 − 8   (*c*) 32 = 256 ÷ 8   (*d*) 32 = 8 × 4

6. A .... is a number that is product of a given number and some other number.
   (*a*) multiple   (*b*) factor   (*c*) product   (*d*) factor tree

7. A multiple is basically a ....
   (*a*) times table   (*b*) factor tree   (*c*) quotient   (*d*) product

8. We can find the .... of a number by multiplying it by 1, 2, 3, 4 and so on.
   (*a*) factors   (*b*) multiples   (*c*) products   (*d*) sum

9. Every multiple of a number is .... the number itself.
   (*a*) greater than or equal to   (*b*) less than or equal to
   (*c*) greater than   (*d*) less than

10. There is no end of the ...., you can get of a particular number.
    (*a*) multiples   (*b*) factors   (*c*) products   (*d*) sum

11. When we divide one number by another and there is no remainder, the divisor and the quotient are the .... of the first number.
    (*a*) factors   (*b*) multiples   (*c*) product   (*d*) answer

12. Pick the odd one out.
    (*a*) 2   (*b*) 4   (*c*) 6   (*d*) 7

13. Every number except 1 has at least .... factors.
    (*a*) 2   (*b*) 3   (*c*) 4   (*d*) 5

ASSIGNMENT–6

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

(a) 84

(b) 120

(c) 256
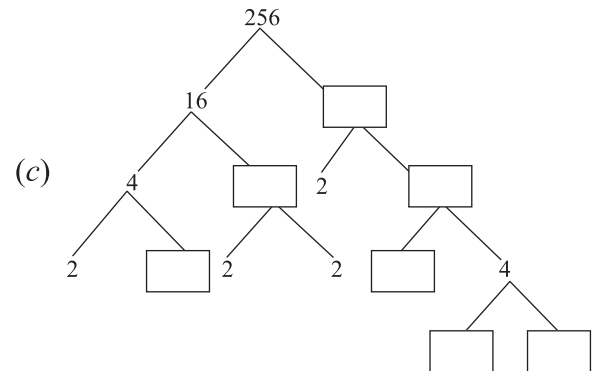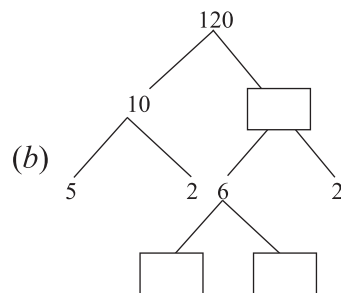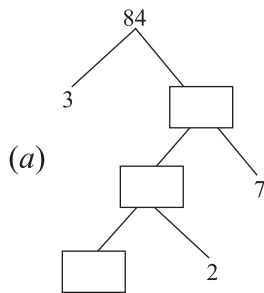
B. Label True or False.

1. 2357 is divisible by 9. ....
2. 16 and 25 is a pair of coprimes. ....
3. The HCF of 35 and 63 is 7. ....
4. The LCM of 5, 7 and 45 is 315. ....
5. $2 \times 3 \times 5 \times 6$ is the prime factorisation of 180. ....

C. Match the following.

Column I	Column II
1. Factors of 6	(a) 1, 3, 9
2. Factors of 9	(b) 5, 10, 15, 20, ...
3. Multiples of 5	(c) 3, 6, 9, 12, ...
4. Multiples of 3	(d) 2, 3, 5, 7, 11, ...
5. Prime numbers	(e) 1, 2, 3, 6

D. Utilise Your Brain.

Find the number pairs whose LCM is 360 and HCF is 45. How many number pairs can you write?

ASSIGNMENT–7

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

Identify the correct answer.

1. If numerator is more than denominator, the fraction is called

(*a*) Like fraction   (*b*) Improper fraction   (*c*) Proper fraction   (*d*) Unit fraction

2. If all the fractions have same denominator, these are called

(*a*) Like fractions   (*b*) Unlike fractions   (*c*) Similar fractions   (*d*) Simple fractions

3. Which of the following is wrong about following figure?
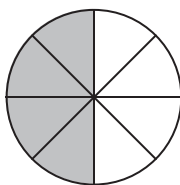
(*a*) $\dfrac{4}{8}$ (*b*) $\dfrac{1}{2}$ (*c*) $\dfrac{2}{4}$ (*d*) $\dfrac{1}{3}$

4. Which of the following are equivalent fractions?

(*a*) $\dfrac{2}{3}, \dfrac{4}{6}, \dfrac{6}{9}, \dfrac{8}{12}$ (*b*) $\dfrac{1}{2}, \dfrac{1}{3}, \dfrac{1}{4}, \dfrac{1}{5}$ (*c*) $1\dfrac{1}{2}, 1\dfrac{1}{3}, 1\dfrac{1}{4}, 1\dfrac{1}{5}$ (*d*) $\dfrac{8}{7}, \dfrac{8}{6}, \dfrac{8}{5}, \dfrac{8}{4}$

5. Which of the following is not equivalent fraction of $\dfrac{3}{5}$.

(*a*) $\dfrac{6}{10}$ (*b*) $\dfrac{9}{15}$ (*c*) $\dfrac{12}{20}$ (*d*) $\dfrac{15}{30}$

6. If 1 is added to the numerator of a fraction, the fraction becomes 1. If 1 is added to denominator, the fraction becomes $\dfrac{1}{2}$. The fraction is:

(*a*) $\dfrac{2}{3}$ (*b*) $\dfrac{1}{3}$ (*c*) $\dfrac{3}{4}$ (*d*) $\dfrac{1}{2}$

7. $\dfrac{2}{5}$ of a set of notebooks are sold on the first day. $\dfrac{3}{4}$ of the remaining got sold on the second day. If 75 notebooks still remains, how many notebooks were kept for sale?

(*a*) 250   (*b*) 1000   (*c*) 750   (*d*) 500

8. What is the correct ascending order of the fractions $\dfrac{5}{8}, \dfrac{4}{9}, \dfrac{1}{4}, \dfrac{11}{18}$?

(*a*) $\dfrac{4}{9} < \dfrac{1}{4} < \dfrac{11}{18} < \dfrac{5}{8}$ (*b*) $\dfrac{1}{4} < \dfrac{4}{9} < \dfrac{5}{8} < \dfrac{11}{18}$ (*c*) $\dfrac{1}{4} < \dfrac{11}{18} < \dfrac{4}{9} < \dfrac{5}{8}$ (*d*) $\dfrac{1}{4} < \dfrac{4}{9} < \dfrac{11}{18} < \dfrac{5}{8}$

ASSIGNMENT–8

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. $\dfrac{2}{3}, \dfrac{12}{18}, \dfrac{60}{90}$ are _____ fractions.

2. $3\dfrac{2}{16}$ is equal to improper fraction _____.

3. $\dfrac{1}{2} + \dfrac{1}{4} + \dfrac{1}{8} =$ _____.

4. $\dfrac{1}{2} \times \dfrac{1}{3} = 1 \div$ _____.

B. Label True or False.

1. $1 + \dfrac{1}{2} + \dfrac{1}{3} = 2 - \dfrac{1}{6}$ ....

2. The unit fraction has denominator 1. ....

3. There are 16 quarters in 4. ....

4. $\dfrac{3}{5} \div 1\dfrac{2}{3} = 1$ ....

C. Match the following.

Column I	Column II
1. $\dfrac{1}{2}, \dfrac{1}{3}, \dfrac{1}{4}, \dfrac{1}{5} \Rightarrow$	(a) Like fractions
2. $\dfrac{3}{4}, \dfrac{5}{6}, \dfrac{7}{8} \Rightarrow$	(b) Unit fractions
3. $8\dfrac{3}{4}, 7\dfrac{8}{9}, 6\dfrac{2}{3} \Rightarrow$	(c) Proper fractions
4. $\dfrac{8}{5}, \dfrac{9}{5}, \dfrac{10}{5}, \dfrac{11}{5} \Rightarrow$	(d) Mixed fractions

D. Utilise Your Brain.

Find the fraction whose numerator is the HCF of 64 and 120 and denominator is the LCM of 5, 15 and 25.

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

Identify the correct answer.

1. If 48 out of 100 students in class V are boys, then write a decimal for the part of class that consists of boys.

   (a) 0.50   (b) 0.48   (c) 4.8   (d) 0.52

2. $502\dfrac{12}{1000}$ if expressed as decimals can be written as

   (a) 502.012   (b) 502.12   (c) 50.212   (d) 5021.2

3. $92.95 \div 100$ is equal to

   (a) 92.95   (b) 929.5   (c) 929.05   (d) 0.9295

4. $5.005 \times$ ....$= 5005$

   (a) 10   (b) 100   (c) 1000   (d) 10000

5. A baker buys 5 kg of flour and 3.5 kg of sugar for the cake and uses 2.25 kg of flour and 0.75 kg of sugar in the cake. What are the amounts of flour and sugar left with him?

   (a) 2.75 kg, 0.75 kg   (b) 2.25 kg, 1.75 kg   (c) 2.25 kg, 0.75 kg   (d) 2.75 kg, 2.75 kg

6. The rainfall in a city for the first 5 days of a month was 1.27 cm, 3.25 cm, 2.78 cm, 2.57 cm and 1.38 cm. How much did it rain altogether?

   (a) 11.25 cm   (b) 9.98 cm   (c) 11.00 cm   (d) 11.89 cm

7. A tailor takes 2.5 m of cloth for making one curtain. He received an order to make 30 curtains from Mrs. Radha Puri. How much cloth will he require to fulfill the order?

   (a) 62.50 m   (b) 75 m   (c) 57.5 m   (d) 750 m

8. $18 \times \dfrac{9}{100} =$

   (a) 18.09   (b) 16.2   (c) 18.62   (d) none of these

9. In 7.867, the place value of the digit 6 is

   (a) 60   (b) 600   (c) 0.06   (d) 0.006

10. The difference of 325.312 and 253.175 is

    (a) 72.003   (b) 72.137   (c) 72.130   (d) 72.107

11. The number of decimal places in the product of 6.25 and 1.28 is

    (a) 4   (b) 3   (c) 1   (d) none of these

12. The quotient for 145.208 divided by 0.25 is

    (a) 580.832   (b) 58.0832   (c) 5808.32   (d) 588.32

Decimals

ASSIGNMENT–10

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. In 5.809, the digit 9 is in the .... place.
2. 0.05 expressed as a fraction is ....
3. $400 + 20 + 5 + \dfrac{3}{10} + \dfrac{7}{1000}$ is the expanded form of ....
4. The decimal form of the fraction $\dfrac{41}{50}$ is ....
5. 12 flowers are sold for ₹24.48. So, the cost of 1 flower is ....

B. Label True or False.

1. 0.23, 0.230, 0.023 and 23.0 are equivalent decimals. ....
2. The decimal 7.875 is equivalent to the fraction $7\dfrac{7}{8}$. ....
3. $2 - 0.002$ is less than $1.45 + 0.2$. ....
4. 3 tenths added to itself 100 times is same as 300 tens. ....
5. Eight thousandths is written as $\dfrac{8}{1000}$. ....

C. Match the following.

Column I	Column II
1. $\dfrac{17}{100} + 5$ tens	(a) Three thousand eight hundred ten
2. 7 tenths + 35 thousandths	(b) Fifty point one seven
3. $\dfrac{3}{10} + \dfrac{7}{100} + \dfrac{1}{1000}$	(c) One point four seven
4. 3.81×1000	(d) Zero point three seven one
5. $\dfrac{21}{10} \times \dfrac{7}{10}$	(e) Zero point seven three five

D. Utilise Your Brain

1. Farmer Sukesh lives 0.35 km away from the farm. His co-worker Hardev lives $\dfrac{39}{100}$ km away from the same farm. Whose house is farther from the farm? By what distance?
2. The owner of the farm has 5.6 acres of land planted with wheat, 4.35 acres of land for tomato plants, and the rest is still unoccupied. If he owns a total of 14.56 acres of land, how large is the unoccupied piece of land he has?
3. Baldev was paid ₹56 for a job he did on the farm for 1 hour. At the same rate, how much would he be paid if he did the same job for 4.5 hours?

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

Identify the correct answer.

1. Triangle : Scalene : : Angle : _____
   (*a*) Isosceles   (*b*) Obtuse   (*c*) Square   (*d*) Ray

2. Which of the following road symbols has a right angle?
   (*a*)   (*b*)   (*c*)   (*d*)

3. Which holds true for the given angle?
   (*a*) ∠ABC is an obtuse angle and is greater than 90°.
   (*b*) ∠ABC is a right angle and is equal to 90°.
   (*c*) ∠ABC is an obtuse angle and is less than 90°.
   (*d*) ∠ABC is an acute angle and is less than 90°.
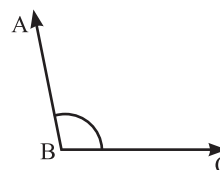
4. What is the measure of ∠AOB shown below?
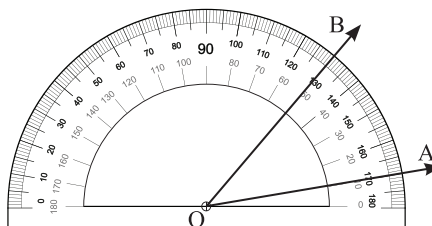
   (*a*) 50°   (*b*) 40°   (*c*) 130°   (*d*) 140°

5. Rachna buys a table that is a regular hexagon in shape. What type of angle is x?
   (*a*) Acute angle
   (*b*) Obtuse angle
   (*c*) Right angle
   (*d*) None of these
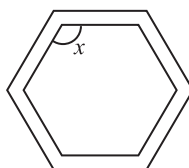
6. Ashish made a design using plane shapes, as shown here.
   Which of the following shapes is not used in this design?
   (*a*) Rectangle   (*b*) Circle   (*c*) Octogon   (*d*) Pentagon
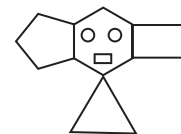
7. A triangle has sides that measure 5 cm, 12 cm and 13 cm. Identify the type of triangle.
   (*a*) Equilateral triangle   (*b*) Isosceles triangle   (*c*) Obtuse angled triangle   (*d*) Scalene triangle

8. A nanogon has _____ sides.
   (*a*) 7   (*b*) 9   (*c*) 8   (*d*) 10

9. The longest chord of a circle is _____.
   (*a*) diameter   (*b*) circumference   (*c*) radius   (*d*) none of these

ASSIGNMENT–12

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. A quadrilateral has .... diagonals.
2. A line segment has .... end point (s).
3. An octagon has .... sides.
4. Half of circle is called ....
5. A triangle having its three side equal is called a/an ....

B. Label True or False.

1. Interesting lines are always, perpendicular. ....
2. A triangle can have at most two right angles. ....
3. From a given point, infinite number of rays can be drawn. ....
4. An angle of 180° is called straight angle. ....
5. Every square is a rectangle. ....

C. Complete the table below:

	Shape	Number of acute angles	Number of right angles	Number of obtuse angles
1.				
2.				
3.				
4.				
5.				

D. Utilise Your Brain.

1. Identify the polygon shown here. Also, name its sides, angles and vertices.
2. Draw a pair of parallel line segments joining the vertices of the given polygon. Identify the shapes into which you have divided.
3. Can you make an equilateral triangle in the given polygon? How?
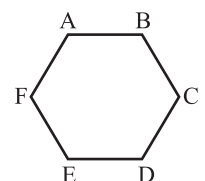
Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

Identify the correct answer.

1. Polygon : Square :: Symmetry: ....

    (*a*) Rotational   (*b*) Shape   (*c*) Angle   (*d*) Line

2. Which shows reflection for the figure given below?

    (*a*)   (*b*)   (*c*)   (*d*)
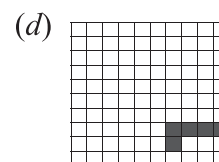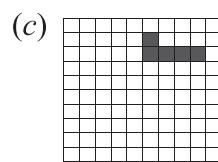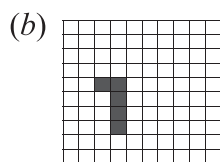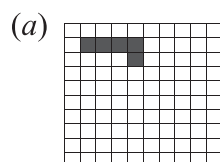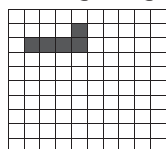
3. How many lines of symmetry does the figure A have?
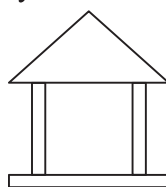
Figure A

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

4. How many pictures does not have symmetry?

    Figure A   Figure B   Figure C   Figure D
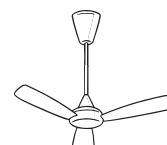
    (*a*) 1   (*b*) 2   (*c*) 3   (*d*) 0

5. What combination of transformation is shown below?
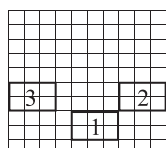
    (*a*) Reflection and then rotation   (*b*) Rotation and then reflection

    (*c*) Reflection and then reflection   (*d*) Rotation followed by rotation

ASSIGNMENT–14

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. In BINGO, ... letters have at least one line of symmetry.
2. There are .... letters in the English alphabet which look same after half a turn.
3. 2025, 2100, 2525, 2600, ...
4. A square has .... lines of symmetry.
5. An equilateral triangle can be rotated through .... or .... angle to look the same.

B. Label True or False.

1. The word BOOK has horizontal line of symmetry. ....
2. The figures that possess rotational symmetry do not necessarily possess line symmetry. ....
3. A figure with 2 lines of symmetry must have rotational symmetry. ....
4. A circular shaped tile can tessellate without leaving any gap. ....
5. 1, 2, 3, 6, 10, ... are triangular numbers. ....

C. Complete the design so that it could have 2 lines of symmetry.

1.

2.
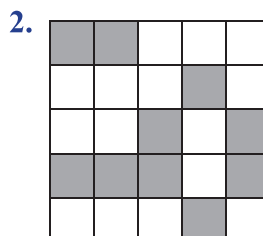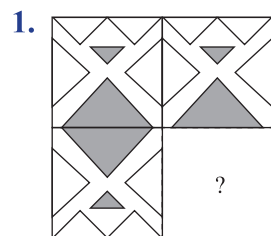
D. Utilise Your Brain

Observe the patterns and fill in the blank boxes.

1.
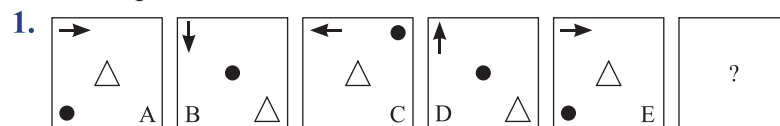
2. | 1 | 3 | 2 | ? | 5 | 15 | 14 | 42 | ? | 123 |

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

Identify the correct answer.

1. For converting bigger units into smaller units, multiply by .... for every step as we move towards the right.

   (a) $\dfrac{1}{10}$ (b) 10   (c) 100   (d) 1000

2. Which of the following is incorrect?

   (a) 6 inches = 1 foot   (b) 100 kg = 1 quintal   (c) 1760 yards = 1 mile   (d) 1 gallon = 3.8 litre

3. 3000 mm =

   (a) 3 m   (b) 300 cm   (c) 0.3 dam   (d) All of these

4. To circulate the information about Global Olympiad Federation, the coordinator decided to paste a poster on the notice board, whose maximum vertical height is 18 inches. The coordinator wanted to know whether the height of the poster should be 2 feet long or 40 cm long.

   (a) 2 feet   (b) 40 cm   (c) can't say   (d) None of these

5. A car's fuel tank holds 85 litres of petrol. A second car's fuel tank holds 8.6 decalitre of petrol. How much more petrol can the second car's fuel tank hold?

   (a) 1 litre   (b) 50 decilitre   (c) 100 decilitre   (d) 10 litre

6. A city tower is 1,385 feet tall with 85 stories. The residential building is 1505 feet tall with 105 stories. How much taller is the residential building than the city tower?

   (a) 50 feet   (b) 130 feet   (c) 80 feet   (d) 120 feet

7. Students collected a number of bags full with juice bottles to help Earthquake victims. Each bag holds 21 bottles and each bottle contains 600 mL of juice. If students collected 15 bags, then how much of juice did they collect?

   (a) 632 litres   (b) 212.2 litres   (c) 189 litres   (d) 214.2 litres

8. Which container holds the minimum capacity?

   Container A – 8 hL; Container B – 0.08 kL; Container C – 80000 cL; Container D – 80 dL;

   (a) A   (b) B   (c) C   (d) D

9. Which two boxes have the same weight?

   Box P – 600 cg; Box Q – 60 dag; Box R – 0.6 hg; Box S – 60000 mg

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

10. A tea pot holds about 1.8 L of tea. How many people can drink if they each want 2 cups of tea, with each cup having a capacity of 150 mL?

    (a) 7   (b) 6   (c) 3   (d) 2

11. Maria bought 450 g butter of Brand A and 2500 dg butter of Brand B. How much butter in kg she bought altogether?

    (a) 0.5 kg   (b) 5 kg   (c) 7 kg   (d) 0.7 kg

12. Aman's bag is 2.14 kg lighter than Ajay's bag. The weight of Ajay's bag is 4720 g. How much does Aman's bag weigh?

    (a) 2.58 kg   (b) 5.28 kg   (c) 4.02 kg   (d) 3.28 kg

ASSIGNMENT–16

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. Rosy cuts 19 m 35 cm out of 35 m of tape with her. So, she has left .... cm of tape.
2. Total weight of 10 tablets each weighing 25 mg is .... g.
3. Anshika drinking 375 mL of milk daily consumes .... L in a week.
4. To convert 2.5 L into ...., it is multiplied by 100.
5. To convert kg into ton, it is .... by 1000.

B. Label True or False.

1. From a ribbon of 7 m length, 28 pieces each of length 25 cm can be cut. ....
2. 7 km 387 hm = 45700 m. ....
3. 7 kg 8 hg – 3 dag 6 g = 7764 g. ....
4. Half of a litre + Quarter of 4 dL = 90 cL. ....
5. If A + B = 11 kg, B + C = 13 kg and C + C = 12 kg, the weight of A = 4 kg. ....

C. Match the following.

Column I	Column II
1. 1 mile	(a) 119.24 litre
2. 1 pound	(b) 2.5 cm
3. 1 inch	(c) 5280 feet
4. 1 barrel	(d) 100 kg
5. 1 quintal	(e) 453.59 g

D. Utilise Your Brain

1. A shopkeeper mixed 4.75 kg of hazelnuts with 0.75 kg of raisins. He packed the mixture equally into 5 boxes. What is the weight of each box?

2. Tank A contains 6 times as much water as Tank B. How much water must Mohan transfer from Tank A to Tank B so that each tank contains 70 litres of water?

ASSIGNMENT–17

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

Identify the correct answer.

1. Choose the odd one out.

   (*a*) Hour   (*b*) Minute   (*c*) Degree Celsius   (*d*) Second

2. What could be the temperature outside on a snowy day? Choose the more reasonable answer.

   (*a*) 40°C   (*b*) 0°C   (*c*) 50°C   (*d*) 36°C

3. Which thermometer best represents the temperature 30°C?

   (*a*)   (*b*)   (*c*)   (*d*)
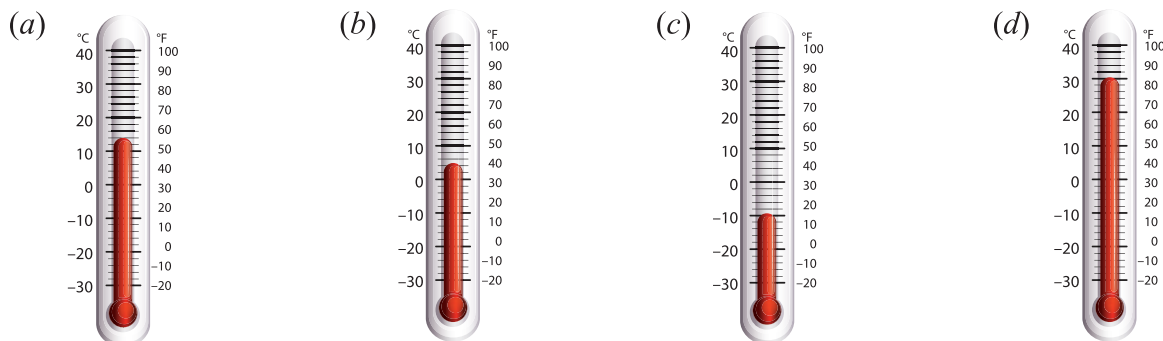
4. A television serial runs for $\frac{1}{2}$ hour. If it had 9 minutes 15 seconds of advertisements, how long the story of the serial is displayed?

   (*a*) 20 min 45 s   (*b*) 20 min 85 s   (*c*) 21 min 15 s   (*d*) 19 min 45 s

5. It takes Alia's family complete 3 days to drive to the hill station. They spend 4 days at the shore. Then drive home again. If they left home early Saturday on 7th Jan, what day and date will they return to home?

   (*a*) 14th Jan, Friday   (*b*) 17th Jan, Tuesday   (*c*) 15th Jan, Monday   (*d*)14th Jan. Wednesday

6. Sonia can cycle from point A to point B and return to point A in 10 minutes. She can cycle and walk back in 18 minutes. It will take ___ minutes for her to walk there and walk back.

   (*a*) 36 minutes   (*b*) 20 minutes   (*c*) 26 minutes   (*d*) 28 minutes

7. Sumant started studying at 6:25 p.m. and finished at 2210 hours. How long did he study?

   (*a*) 4 hours 15 minutes   (*b*) 4 hours 35 minutes   (*c*) 3 hours 15 minutes   (*d*) 3 hours 45 minutes

8. Match the equivalent value of Fahrenheit scale with the Celsius scale.

	A	B	C	D
(*a*)	3	1	4	2
(*b*)	2	1	3	4
(*c*)	1	2	3	4
(*d*)	4	1	3	2

	List I		List II
A.	167°F	1.	65°C
B.	149°F	2.	55°C
C.	113°F	3.	75°C
D.	131°F	4.	45°C

ASSIGNMENT–18

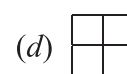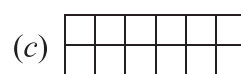**Marks Obtained:** _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

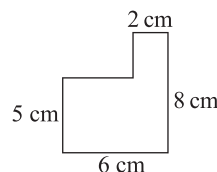## A. Fill in the blanks.

1. .... is the instrument that is used to measure the temperature.
2. 8 hours 20 minutes = ... seconds.
3. There are .... hours in 3 weeks and 4 days.
4. 225 minutes before 1345 hours is ...., in 12-hour clock time.
5. 8 hours 5 minutes after 9:55 pm is ...., in 24-hour clock time.

B. Label True or False.

1. 4 hours 15 minutes 30 seconds × 4 = 17 hours 20 minutes.   ....
2. 16 hours 32 minutes 40 seconds ÷ 5 = 3 hours 18 minutes 32 seconds.   ....
3. 23 years – 18 years 9 months = 51 months.   ....
4. 52 minutes 48 seconds + 36 minutes 56 seconds = 1 hour 29 minutes 44 seconds.   ....
5. There are 1810 hours in 2 months and 5 days.   ....

C. Match the following.

Column I	Column II
1. Temperature of boiling water	(a) 32°F
2. Temperature of freezing water	(b) 260°C
3. Normal temperature of human body	(c) 30°C
4. Temperature of a hot barbecue grill	(d) 100°C
5. 86°F is equivalent to	(e) 98.6°F

D. Utilise Your Brain

Shridhi goes Karate class on every even-numbered dates in May 20XX. Assume that 2nd and 4th Saturdays and, all Sundays are holidays.

May 20XX						
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

1. How many days does she go to the class?
2. If she practices 1 hour 5 minutes daily, how much time does she practice in this month?

ASSIGNMENT–19

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

Identify the correct answer.

1. Raja bought 13 kg of groundnuts. He saved ₹195 by using a store coupon. How much did he save per kg of groundnuts?

   (*a*) ₹10   (*b*) ₹12   (*c*) ₹15   (*d*) ₹17

2. Juhi has ₹61.50 in her digital wallet. If she pays ₹32.75 digitally for buying a sandwich, how much money is left in her wallet?

   (*a*) ₹24.75   (*b*) ₹28.75   (*c*) ₹26.25   (*d*) ₹28.25

3. Anita has ₹200, she has to buy a jar of chilly, a bottle of tomato sauce and mixed fruit jam. So, how much more money does she need to buy these?

   Bottle of mixed fruit jam - ₹85.00;   Bottle of apple jam - ₹95.00

   Jar of chilly - ₹82.00;   Jar of tomato sauce - ₹76.00

   (*a*) ₹62.00   (*b*) ₹50.00   (*c*) ₹40.00   (*d*) ₹43.00

4. A man buys erasers at 10 for ₹30 and sells at 6 for ₹30. How much will he gain or lose by selling all 10 erasers?

   (*a*) Gain ₹20   (*b*) Loss ₹20   (c) Gain ₹12   (*d*) No gain or loss

5. Navesh saves ₹300. His brother, Sarvesh, saves 220. How much money must Navesh give his brother so that both of them will have the same amount of money?

   (a) ₹80   (*b*) ₹20   (*c*) ₹40   (*d*) ₹520

6. Kavita's savings is four times that of her sister. When she spends ₹25 and her sister saves ₹50, both of them have the same amount of money. How much does Kavita and her sister respectively have in their savings at first?

   (*a*) ₹80, ₹20   (*b*) ₹100, ₹25   (*c*) ₹40, ₹160   (*d*) ₹520, ₹130

7. Razia has ₹288. Iqra has ₹12 more than Razia. Shabnam has twice as much as Iqra. How much money does Shabnam have?

   (a) ₹276   (*b*) ₹300   (*c*) ₹576   (*d*) ₹600

8. 6 oranges cost the same as a pineapple. 4 oranges cost the same as 8 cherries. How many cherries have the same cost as 4 pineapples?

   (*a*) 24 cherries   (*b*) 48 cherries   (*c*) 36 cherries   (*d*) 12 cherries

9. Vishal bought a jug and two identical glasses. He gave the cashier a ₹200 note and got back ₹36 in change. How much did each glass cost if the jug costs ₹104?

   (*a*) ₹30   (*b*) ₹60   (*c*) ₹72   (*d*) ₹52

10. A jeweller bought 18 rings at ₹29700 and sold each one at ₹2600. How much money did he earn altogether?

    (*a*) ₹46800   (*b*) ₹11700   (*c*) 17100   (*d*) 10710

11. 3 mangoes cost ₹110 at a fruit store. What is the cost of 57 mangoes?

    (*a*) ₹2090   (*b*) ₹2180   (*c*) ₹2200   (*d*) ₹2010

12. A TV set was sold for ₹57200 at a profit of ₹2400. Find its cost price.

    (*a*) ₹55800   (*b*) ₹51800   (*c*) ₹54800   (*d*) ₹59600

ASSIGNMENT–20

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. If Shuraj paid ₹156 for 6 kg of wheat, then price of 2 kg of wheat would be ....
2. A earns ₹420 for working 7 hours. He will earn ₹600 for working .... hours.
3. There is a .... in a deal if SP > CP.
4. If SP < CP, then CP – SP = ...
5. If a typist types 24 pages in 8 hours, then she will type .... in 12 hours.

B. Label True or False.

1. If cost of 4 ballpoint pens is same as the cost of 10 pencils, then the cost 6 pens will be same as the cost of 15 pencils. ....
2. If SP + Loss = CP, then SP > CP. ....
3. If cost price of 12 dolls = the selling price of 10 dolls, then there is a loss in the deal. ....
4. If CP of a table = ₹2500 and SP = ₹2650, then profit = ₹150 ....
5. 5 candies for ₹10 is cheaper than 3 candies for ₹8. ....

C. Match the following.

Column I	Column II
1. CP = ₹68.50, SP = ₹75	(a) CP = ₹1875
2. CP = ₹685, SP = ₹575	(b) SP = ₹121
3. Loss = ₹850, SP = ₹1025	(c) CP = ₹4500
4. SP = ₹5140, Gain = ₹640	(d) Profit = ₹6.50
5. CP = ₹112.80, Gain = ₹8.20	(e) Loss = ₹110

D. Utilise Your Brain.

Keshav went to the amusement park with his wife and two children aged 6 years and 8 years. They entered at 10:20 a.m. and left at 1:05 p.m. How much did Keshav pay?

Entry fee per person.	₹200
Charges for every half an hour or part thereof for each adult.	₹90.25
Charges for every half an hour or part thereof for each child.	₹45.25

(a) ₹2256 (b) ₹1848 (c) ₹3152 (d) ₹2426

ASSIGNMENT–21

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

Identify the correct answer.

1. Each side of a square is of 10 m. What will be the area of the square?
   (a) 40 m   (b) 100 m   (c) 100 sq m   (d) 40 sq m

2. What will be the perimeter of a carpet whose length is 2 m and breadth is 1.80 m?
   (a) 7.6 m   (b) 3.6 m   (c) 3.64 m   (d) 7.6 sq m

3. Find the adjacent side of a rectangle if the perimeter of the rectangle is 28 m and length is 8 m.
   (a) 12 m   (b) 3 m   (c) 9 m   (d) 6 m

4. What will be the perimeter of a square whose area is 64 sq cm?
   (a) 16 cm   (b) 32 cm   (c) 8 cm   (d) 64 cm

5. The difference between the length and the breadth of a rectangle is 8 cm and the perimeter is 64 cm. Which of the following can be the length and breadth of this rectangle?
   (a) L = 12 cm, B = 4 cm   (b) L = 20 cm, B = 8 cm
   (c) L = 20 cm, B = 12 cm   (d) L = 16 cm, B = 8 cm

6. The breadth of a rectangle is increased by 2 units. Its perimeter is now increased by?
   (a) 2 units   (b) 4 units   (c) 8 units   (d) 16 units

7. The area of a square is equal to the area of a rectangle of I = 8 cm and b = 2 cm. What is the side length of the square?
   (a) 4 cm   (b) 3 cm   (c) 6 cm   (d) 8 cm

8. How many small cubes of side 1 cm can be put in a cubical box of side 3 cm?
   (a) 9   (b) 12   (c) 27   (d) 6

9. A cuboid measures 12 cm × 6 cm × 7 cm. How many cubes of side 2 cm can fit in the box?
   (a) 72   (b) 63   (c) 54   (d) 96

10. Which of these figures represents the area of 24 sq m if given that each block ☐ = 4 sq m?

    (a)   (b)   (c)   (d)
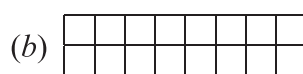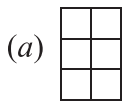
11. Find the area and Perimeter of the given shape.
    (a) Area 40 sq cm; Perimeter 40 cm
    (b) Area 36 sq cm; Perimeter 28 cm
    (c) Area 28 sq cm; Perimeter 36 cm
    (d) Area 30 sq cm; Perimeter 40 cm
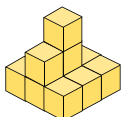
Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks in the given passage by appropriate answers.

Jayant has a garden of 20 feet × 25 feet. He wants to have a grass lawn on some part of it. He wants the grass lawn to be 10 feet by 13 feet.

1. To find area of grass lawn, he should use the formula ....

2. He also wants to fence the whole garden. For that Jayant will have to calculate the .... of the garden which is = ...

3. So, he will have a grass lawn of area .... sq feet.

4. And it will cost him ₹................. for fencing the garden at ₹10 per foot.

B. Label True or False.

1. If we want to fence an area we, calculate perimeter of that place. ....

2. A rectangle has all its four sides equal. ....

3. If two unequal sides of an isosceles triangle are 4 cm and 10 cm, then its perimeter would be 18 cm. ....

4. In the figure, side of each square is 1 cm. The area of the shaded part is 10 sq cm. ....

....
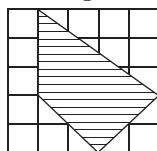
5. A cube of side 24 cm can be cut into 64 smaller cubes each of side 6 cm. ....

C. Match the following.

List I	List II
1. Area of rectangle	(a) Side × Side
2. Perimeter of triangle	(b) Length × Breadth
3. Area of square	(c) 4 × Side
4. Perimeter of square	(d) Sum of the lengths of three sides

D. Utilise Your Brain.

If each square tile has perimeter 80 cm, then find the perimeter and area of the following shape.
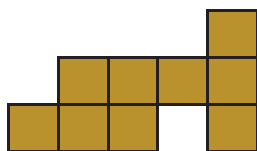
ASSIGNMENT–23

Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

Identify the correct answer.

1. Which of the following net will make a cone?

   (a)   (b)   (c)   (d)
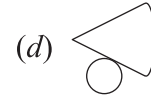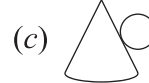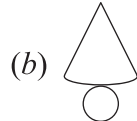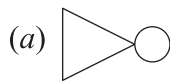
2. The net shown below can be folded into the shape of a cube. The face marked with the letter L is opposite to the face marked with which letter?

   (a) M   (b) N   (c) Q   (d) O

		M	
N	O	P	
		L	
		Q	
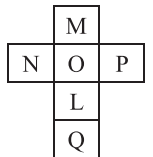
3. Which of the following figure/net will fold up to form a cuboid?

   (a)   (b)   (c)   (d)
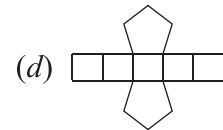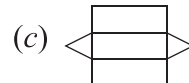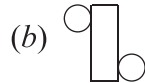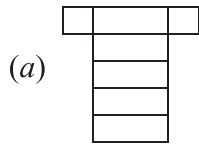
4. Which of the following shapes will be formed using given net?

   (a) Cube   (b) Cylinder   (c) Cone   (d) Cuboid
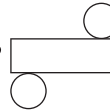
5. What is the top view of the can shown here?

   (a)   (b)   (c)   (d)
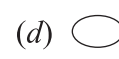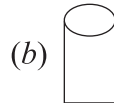
6. What is the side view of the solid given below?

   (a)   (b)   (c)   (d)
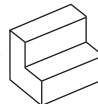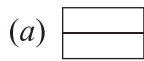
7. What is the front view of the solid below?

   (a)   (b)   (c)   (d)
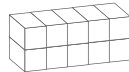
8. In the given map, the distance between the places is shown using the scale 1 cm : 0.5 km. Then the actual distance between Temple and the School is

   (a) 1.15 km   (b) 2.5 km

   (c) 4.6 km   (d) 10.5 km

   Fire station — 4.5 cm — Park
   2.1 cm
   Temple
   2.3 cm
   2.2 cm
   School — 5.5 cm — Zoo

Visualisation of 3D Objects and Maps
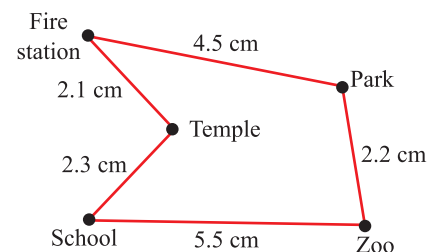
Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks.

1. A solid figure with only 1 vertex is a ....
2. If 4 km on a map is represented by 1 cm, then 16 km is represented by .... cm.
3. ⬛ is the .... view of 🏠 .
4. The number of cubes in the given set is ....
5. A .... depicts the location of a particular object/place in relation to other objects/places.

B. Label True or False.

1. The sum the number of edges and vertices of a cuboid is 20.   ....
2. There is no difference between a circle and a sphere as both are round.   ....
3. A cylinder is a 3-D shape having two circular faces of different radii.   ....
4. A point where lines parallel to each other in 3D site appear to vanish or converge is called a vanishing point.   ....
5. The upper part of a compass always shows 'North direction'.   ....

C. Look at the map of city given below and do as directed.
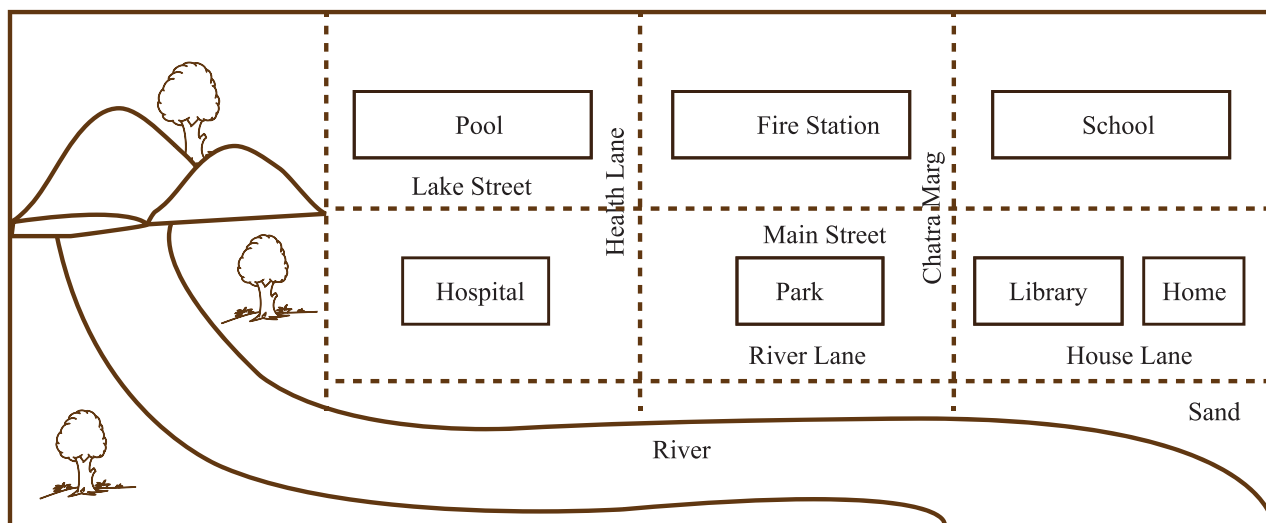
- Colour the map using the given colour code as follows.
  Blue-water, Red-Fire station, White-Hospital, Green-Park and trees, Cream-River Bed, Brown-Mountains.
- Mark the shortest route from House to Pool with the help of arrows.
- Put X at the intersection of Chatra Marg and House Lane.

ASSIGNMENT–25

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

Identify the correct answer.

1. Which of the following represents appearing of an observation 18 times in a data?

(*a*) 𝍷𝍷𝍷 III   (*b*) 𝍷𝍷𝍷𝍷   (*c*) 𝍷𝍷 II II   (*d*) 𝍷𝍷 IIIII

Direction for question 2-3: The table shows how rats grew every year.

Time	Start	1 year	2 years	3 years	4 years	5 years	6 years
No. of rats	10	18	32	58	106		

2. After each year, the number of rats was

(*a*) A little less than double the number of rats in the last year.

(*b*) More than double the number of rats in the last year.

(*c*) Double the number in the last year.

(*d*) 8 more than the number in the last year.

3. At the end of year 6, the number of rats was close to

(*a*) 400   (*b*) 600   (*c*) 800   (*d*) 1000

4. From the following table tell the serial number of the area from which the minimum numbers of pedestrians passed:

S. No.	Area	No. of pedestrians passed	
		Female	Male
1	From Ghadi Chowk to Jai Stambh	132	315
2	From Ghadi Chowk to Railway Station	14	286
3	From Ghadi Chowk to Shankar Nagar	15	185
4	From Ghadi Chowk to Kali Badi	22	128

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

Direction for question 5-6: The bar graph shows the grades obtained by students of class V in a test.

5. If grade C is the passing mark, how many students passed the test?

(*a*) 10   (*b*) 14

(*c*) 24   (*d*) 30

6. How many students in the class could not score passing grades?

(*a*) 10   (*b*) 16

(*c*) 22   (*d*) 26

Data Handling
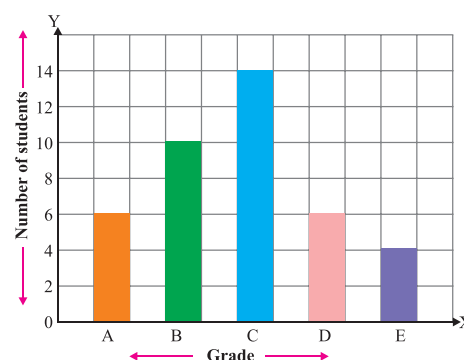
Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Complete the statements which are based on the following pictograph.

To make the pictograph 1000 children were asked about their hobbies. The children who told about their hobby, has been shown in the following pictograph. But some children did not reply.

Hobbies	Number of Children
Dancing	😊😊😊😊😊😊😊😊
Singing	😊😊😊😊😊😊
Playing	😊😊😊😊😊😊😊
Travelling	😊😊😊😊😊😊😊😊😊
Adventuring	😊😊😊

One 😊 represents 25 children.

1. There are .... children whose hobby is adventuring.
2. .... is liked by least number of children.
3. There are .... children whose hobby is either dancing or singing.
4. There are .... children in all who replied.
5. .... children did not reply.

B. Label True or False the statements which are based on the given circle graph.

The pie chart shown here represents the pets kept by 80 people in the Jolly's society.
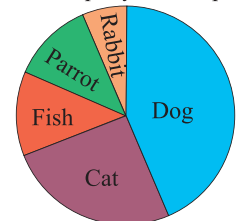
1. Dog is the most popular pet.
2. Cat and rabbit are equally liked by people.
3. Parrot is more popular pet than fish.
4. Cat, fish and parrot together are liked by as many people as dog and rabbit together liked.
5. One-fourth of the people in the society have cat.

Pets kept by the People

C. Match the following.

Column I	Column II
1. A graph drawn using pictures	(*a*) Circle chart or graph
2. A graph drawn using vertical rectangles	(*b*) Tally chart
3. A graph looking as a pie	(*c*) Data
4. A table showing each item using tally marks	(*d*) Bar graph
5. A collection of facts or information	(*e*) Pictograph