## Chapter 2 Roman numerals

Q1Give the Arabic representation for the following numerals. XI
A) 12
B) 11
C) 10
D) 9

Q2 Give the Arabic representation for the following numerals. IV
A) 6
B) 5
C) 8
D) 4

Q3 Give the Arabic representation for the following numerals. XXIII
A) 23
B) 28
C) 19
D) 14

Q4 Give the Arabic representation for the following numerals. XIV
A) 18
B) 14
C) 15
D) 21

Q5.Give the Arabic representation for the following numerals. L
A) 50
B) 46
C) 8
D) 100

Q6.Give the Arabic representation for the following numerals. XL
A) 60
B) 50
C) 40
D) 9

Q7.Give the Arabic representation for the following numerals. M
A) 900
B) 950
C) 1000
D) 800

Q8.Give the Arabic representation for the following numerals. XD
A) 490
B) 440
C) 400
D) 500

Q9.Complete the series. X. XI, XH. XIII. $\qquad$ .
A) $X X$
B) XIV
C) XIX
D) XVI

Q10.Complete the series. XX. XXV. $\qquad$ , XXXV. XL
A) L
B) XXX
C) L
D) D

Q11.Complete the series. L. LX. LXX. $\qquad$ , XC
A) LXXX
B) C
C) $D$
D) M

Q12.Choose the Roman representation for: 18
A) VII
B) IX
C) $X X$
D) XVIII

Q13.Choose the Roman representation for: 1000
A) L
B) C
C) $D$
D) M

Q14.Choose the Roman representation for: 85
A) LXXXV
B) $\operatorname{DXXV}$
C) LXXV
D) DIXV

Q15.Choose the Roman representation for:
60
A) LXX
B) LX
C) XL
D) XXX

Q16.Pick the odd one out.
A) $L$
B) XIV
C) XXXX
D) XVI

Q17.Pick the odd one out.
A) XIX
B) XXI
C) XXIV
D) XXV

Q18.Match the
following:

| List I |  | List II |  |
| :--- | :--- | :--- | :--- |
| A. | 8 | 1. | 16 |
| B. | LX | 2. | VIII |
| C. | XVI | 3. | LXXX |
| D. | 80 | 4. | 60 |

B C D
A) $1 \quad 2 \quad 3 \quad 4$
B) $2 \quad 3 \quad 4 \quad 1$
C) $2 \quad 4 \quad 1 \quad 3$
D) $3 \quad 2 \quad 4 \quad 1$

Q19.Fill in the blanks: $\qquad$ means 4
A) XI
B) IV
C) V
D) $X$

Q20.Fill in the blanks: but VI means
A) 8
B) 4
C) 9
D) 6

Q21.Find the missing digit. $X V-\ldots=X$
A) V
B) L
C) VI
D) IX

Q22.Find the missing digit. $\mathrm{X}+\mathrm{XXX}=$
A) IV
B) L
C) XL
D) M

Q23.What will be the outcome for the given

A) XIX
B) XII
C) XIII
D) XV

Q24.DXLV means $\qquad$ .
A) 500
B) 540
C) 545
D) 600

Q25.Human beings have $\qquad$ teeth.
A) L
B) XXXII
C) XL
D) C
$\mathrm{Q} 26 . \mathrm{L}+\mathrm{XX}+\mathrm{X}+\mathrm{VI}=$ $\qquad$ .
A) LXXXC
B) $C X$
C) LXXXVI
D) LVI

Q27.In Roman numerals a letter can be used more than three times continuously. Statement B: A bar or a line on Roman Number increases its value by 1000 times.
A) Both are true.
B) Both are false,
C) Only A is true.
D) Only B is true. Q28.Choose the correct option. $\mathrm{XX}+\mathrm{L}=$ $\qquad$ .
A) XVIII
B) LXV
C) $X X X$
D) LXX

Q29.I had 8 paper sheets and my brother had 10 paper sheets. So together we both have $\qquad$ sheets.
A) XVIII
B) XVI
C) IX
D) XIX

Q30.I have C candies and went to divide them between $L$ children. How many candies will each child get?
A) III
B) II
C) $X$
D) V

## CHAPTER 1 NUMBER AND NUMERATION

1)Prime Number :: $\qquad$ : Composite number.
A) 12
B) 13
C) 17
D) 7
2.Complete the number sentence.
$327,421=300,000+20,000+?+400+20+1$
A) 70,000
B) 700,000
C) 7,000
D) 700
3. Which shows five hundred six million, seventy-three thousand, and eight in standard form?
A) $516,073,008$
B) $506,073,008$
C) $506,111.0008$
D) $506,068,908$
4.Martin is pasting pieces of square coloured paper of equal size onto a board measuring 72 cm by 90 cm . If only whole square pieces are used, and the board is to be completely covered, find the largest possible length of the side of each square coloured paper.
A) 72
B) 18
C) 17
D) 90
5.Read the statement and choose the correct option. Statement A: As per the place value system, multiplication is performed from left to right i.e., Highest place value to lowest place value). Statement B: As per the place value system,
division is performed from left to right i.e., Highest place value to lowest place value).
A) Only A is true.
B) Only B is true.
C) Both $A$ and $B$ are true.
D) Both $A$ and $B$ are false.
6. Sara's user ID is a 5-digit number. The 9 is in the ten thousands place. The 0 is in the ones place. An 8 is in the thousands place. A 4 is in the tens place. A 2 is in the hundreds place. What is Sara's user ID number?
A) 90,842
B) 89,204
C) 98,420
D) 98,240
7.How do you write $240,004,395$ in expanded notation?
A) $200,000,000+40,000,000+4,000,000+300+90+5$
B) $200,000,000+40,000,000+4,000+300+90+5$
C) $200,000,000+40,000,000+4,000,000+300,000+90.000+5,000$
D) $200,000,000+40,000.000+300+90+5$
8.Choose an answer that has a digit in the hundreds place that has a greater value than the digit in the thousands place.
A) 101,100
B) 428,304
C) 580,340
D) 873,212
9.How many four digit numbers are there between 999 and 3000 ?
A) 2001
B) 2000
C) 1999
D) 1998
10.Estimate to the nearest hundred 496 plus 318.
A) 814
B) 800
C) 178
D) 700
11.Write the following four numbers in descending order:
I. 4203567
II. 4203657 III 4203756
IV. 4203675
A) I, II, III, IV
B) III, IV, II, I
C) I, II, IV, III
D) III, II, IV, I
12.Which of the following statements is true?
A) 1 is not a prime number
B) 1 is a prime number
C) 1 is a composite number
D) 2 is not a prime number.
14.Sum of a number of two digits and the number obtained by reversing the digits of the first number is 110 . If the difference of the digits is 4 , then the number is
A) 62
B) 73
C) 84
D) 51
15.Which of the following is correct?
A) Successor of predecessor of 1000 is 1001
B) Successor of predecessor of 1000 is 1002
C) Predecessor of successor of 1000 is 1000
D) Predecessor of predecessor of 1000 is 999
16.Sum of place values of 6 in 63606 is
A) 6066
B) 18
C) 60606
D) 6606
17.The difference of 5671 and the number obtained on reversing its digits is
A) 7436
B) 3906
C) 4906
D) 3916
18.407928 is read as
A) Forty thousand nine hundred twenty eight
B) Four lakh seven thousand nine hundred twenty eight
C) Four lakh seventy nine thousand twenty eight
D) Forty seven thousand nine hundred twenty eight
19.The sum of all the factors of 100 is
A) 223
B) 115
C) 216
D) 217
20.In the given number 890436 , if you write 0 in place of 4 , by how much the resulting number be less than this given number?
A) 40
B) 400
C) 436
D) 36
21.Which one of the following statements is true?
A) All the even numbers are composite numbers.
B) All the odd numbers are prime numbers.
C) These are infinitely prime numbers.
D) A prime number can be written as the product of more than two natural number.
22.In number 97580, when the digits 7 and 5 as interchanged its place, then the difference between the original and the new number is
A) 1800
B) 1080
C) 1008
D) 1000
23.Ninety million ninety thousand ninety is
A) 9090090
B) 90090090
C) 909090
D) 9090900
24. $\qquad$ is equivalent to ten lakh in International System of numeration.
A) Hundred thousand
B) Ten million
C) One million
D) Ten thousand
25.In $4,768,139$ the digit 7 stands for $\qquad$
A) 7 hundred thousands
B) 7 thousands
C) 7 ten thousands
D) 70 lakhs
26.Predecessor of $100,000,000$ $\qquad$ .
A) 99999999
B) 9999999
C)999999
D) 999999999
27.What will we get if we subtract 1 from smallest 6 -digit number?
A) 99999
B) 100009
C)19999
D)999999
28.On the basis of the given abacuses, state which of the following options is true?

A) $P>Q$
B) $P<Q$
C) $P=Q$

## D)None of these

29.Which of the following correctly shows 185367249 according to International place value chart?
A) $\mathbf{1 , 8 5 3 , 6 7 2 , 4 9}$
B) $\mathbf{1 8 , 5 3 6}, \mathbf{7 2 4 , 9}$
C) $\mathbf{1 8 5 , 3 6 7 , 2 4 9}$
D) $\mathbf{1 8 , 5 3 , 6 7 , 2 4 9}$
30. The smallest 8-digit number is $\qquad$ .
A) 00000001
B) 10000000
C) 10000111
D) 12345678

## CHAPTER 15 SYMMETRY

Q1.How many of the following figures have no line of
symmetry?

A) 2
B) 3
C) 4
D) 5

Q2.What is the least number of squares that must be added so that the line

MN becomes a line of symmetry?

A) 4
B) 6
C) 5
D) 7

Q3.Which of the following figures has a line of symmetry?
A)

B)

C)

D) None of these

Q4.Which of the following figures has a Sine of symmetry?
A) $\sqrt[\pi]{\pi}$
B) $\square]$
${ }_{0}{ }^{2}$ f

## D) <br> 

Q5.Which of the following figure(s) does/do not have a line of symmetry?

A) P only
B) Q only
C) Both $R$ and $S$
D) Both P and Q

Q6. Which of the following figures does not have a line of symmetry?
A)

B)

C)

D)


Q7.How many of the following letters have atleast one line of symmetry?

SIncapore
A) 5
B) 4
C) 3
D) 2

Q8.Find the next number in pattern.

A. O
B. $P$
C. N
D. $M$

Q9.Find the next number in pattern.

A. 70
B. 80
C. 75
D. 65

Q10.Find the next number in pattern.
101 $\longrightarrow$ 202 $\longrightarrow 303 \longrightarrow 404 \longrightarrow \quad ?$
A. 505
B. 504
C. 606
D. 506

Q11.Find the next figure in pattern.

A.

B.

C.

D.


Q12.ORANGE $\rightarrow$ RANG $\rightarrow$ ORANGE $\rightarrow$ RANG $\rightarrow$ $\qquad$ ?
A. ANG
B. $A N$
C. RAN
D. NG

Q13.Complete the pattern: $32,40,48,56$, $\qquad$
$\qquad$
A. 62,70
B. 64,72
C. 61,71
D. 68,78

Q14.Complete the pattern: 7, 21, 35, 49,
A. 56,71
B. 63,70
C. 56,63
D. 63,77

Q15.Complete the pattern: 100, 80, 60, 40, $\qquad$
$\qquad$
A. 20,10
B. 20, 0
C. 30,20
D. 30, 0

Q16.Complete the pattern: $18,38,58,78$, $\qquad$
A. 88,108
B. 98,108
C. 88,98
D. 98,118

Q17.Complete the pattern: 234, 345, 456, 567, $\qquad$
A. 678,789
B. 567,678
C. 678,8910
D. 678,698

Q18.Complete the pattern: 101, 103, 107, 109, $\qquad$
A. 113,115
B. 117,120
C. 113,117
D. 110,112

Q19Complete the pattern:

A.

B.

C.

D.


Q20.Complete the pattern:

A.

B.

C.

D.


Q21.Complete the pattern:

A.

B.

C.

D.


Q23.Complete the pattern:

A.

B.

C.

D.


## Chapter 2 ADDITION AND SUBTRACTION QUESTION BANK

1. What is the sum of 45,009 and 3,008 ?

48,017
50,009
45,897
43,009
2. What is the sum of 45,009 and 3,008 ?

48,017
50,009
45,897
43,009
3. $92-89=$

5
3
181
180
4. $76-28=$ $\qquad$
47
5.Randy Rabbit had 347 carrots. He ate 19 carrots. How many carrots does he have left?

332
358
328
6..John has 65 erasers and 29 pencils. How many pencils and erasers does John have?
94
36
814
7.Mary made 36 cookies. She gave away 18 cookies. How many cookies does she have now?
18
45
22
15
8..Jace has 15 stuffed animals. Brooks has 19. How many stuffed animals do they have altogether?
14 stuffed animals
4 stuffed animals
24 stuffed animals
34 stuffed animals
9.Mr. Martin's car odometer showed 10,393 miles. His wife's odometer showed 26,481 miles. How many more miles were shown on his wife's odometer than on Mr. Martin's odometer?
16,112
16,088
15,112
None of the above
10..A school held a penny drive. The fourth grade collected 12,085 pennies. The fifth grade collected 11,523 pennies. How many pennies did the two grades collect in all? 23,068

None of the above
11.Gary played a car game and scored 178,968 points in first round and 564,987 points in second round. The game was over after the second round. How many points did he have at the end of the game?

399,765 points
559,764 points
974,355 points
743,955 points
12.During September and October, a total of 825,150 visitors went to the Grand Canyon National Park. If 448,925 visitors went to the park in September, how many visitors went in October?

375,225
531,440
376,225
532,440
13.A stationary store had 5,300 greeting cards. If they sold 3,710 cards, how many cards are left?

2,410
9,010
1,690
1,590
14.Trent earned 4,005 points on a video game. His brother earned 2,375 points on the same game. How many more points did Trent earn than his brother?

They are the same
1,630 points
6,380 points
None of the above
15.Mr. Martin's car odometer showed 10,393 miles. His wife's odometer showed 26,481 miles. How many more miles were shown on his wife's odometer than on Mr. Martin's odometer?

16,112
16,088
15,112

None of the above
16.What is the sum of 45,009 and 3,008 ?
${ }^{17}$ Find the difference. 67,893-42,642.
18.What is the sum of 456,905 and 34,145 ?
19.Find the difference. 100,000-45,060
20.Find the sum. $86,954,934+23,951,124$
21.Find the difference. 86,954,934-23,951,124
22. $1,000-258=$
23. The zoo has two elephants named Sally and Joe. Sally weighs 3,876 pounds and Joe weighs 4,552 pounds. How much more does Joe weigh than Sally?
24. 15,987 people went to a football game. 6,879 of those people ate a hotdog. The rest had nachos. How many people ate nachos?
25.A movie rental shop has 15,416 old DVDs and 6,986 new DVDs. What is the total number of DVDs in the shop?
26. In a public telephone booth, 1,234 calls are made before noon and 2,876 calls are made after noon. How many calls were made during the whole day?
27. Ramsey has $\$ 61,279$ in the bank. She earns $\$ 34,598$ the following year and puts it in the bank. How much money does she have in all?
28.Will has $\$ 52,019$ in the bank. He withdraws (takes out) $\$ 14,368$. How much money does he have in the bank now?
29. Steven has 7,171 balloons for the parade. Adriana has 6,321 balloons for the parade. Approximately how many balloons do they have together?
30. Misael has 745 points on class dojo. Yubina has 611 points. About how many points do they have together?

## 4. Multiplication

Q.1) Jamie has been collecting rocks for 10 years. Each year, she collected 19,856 rocks. How many rocks has she collected through all 10 years?
a. 346,231
b. 198,560
c. 765,456
d. 19,786
Q.2) About 57 baseballs are used in a professional baseball game. What is the best way to estimate how many baseballs are used in a season of 162 games?
a. $60 \times 160$
b. $60 \times 1,000$
c. $200 \times 200$
d. $6 \times 100$
Q.3) What is the result of multiplying one number by another?
a. Quotient
b. Product
c. Difference
d. Multiplication
Q.4) Paco's store has 45 boxes of plums. In each box there are 345 plums. How many plums does Paco's store have in all?
a. 15,000
b. 15,525
c. 14,545
d. 390
Q.5) $4 \times 4 \times 4 \times 4 \times 4 \times 4$ means which of the following?
a. Multiply $4 \times 6$
b. Multiply $46 \times 1$
c. Multiply 4 six times
d. Multiply $4 \times 6 \times 4$
Q.6) Sergio's home solar panels decrease the amount of carbon dioxide released into the atmosphere by 35,000 pounds per year. Which expression shows the number of pounds of carbon dioxide Sergio's solar panels save being released over 10 years?
a. $35,000 \times 1035,000 \times 10$
b. $35,000 \div 1035,000 \div 10$
c. $35,000+1035,000+10$
d. $35,000-10$
Q.7) Bobby drives 634 miles round-trip to visit his grandmother in

Philadelphia. How many miles does Bobby drive if he visits his grandmother 4 times?
a. 2,426 miles
b. 2,436 miles
c. 2,536 miles
d. 2,836 miles
Q.8) To find $30 \times 700$, Scott first found $3 \times 7=21$. How many zeros should Scott include in the product?
a. 1
b. 2
c. 3
d. 4
Q.9) A company manufactures 295 toy dolls each day. How many toy dolls do they manufacture in 34 days?
a. 3,065
b. 7,610
c. 10,065
d. 10,030
Q.10) Peter earns $\$ 12$ per hour painting houses. If he works for 214 hours, how much will Peter earn in all?
a. $\$ 258$
b. $\$ 428$
c. $\$ 2,568$
d. $\$ 4,288$
Q.11) $984 \times 10$ equals to $\qquad$ .
Q.12) 13 x $\qquad$ $=117$
a. 9
b. 13
c. 19
d. 22
Q.13) $300 \times 60=$
a. 900
b. 12,000
c. 18,000
d. 1,800
Q.14) If $25 \times 100=2,500$, then $100 \times 25=2,500$.
a. True
b. False
Q.15) $4 \times 10 \times 10 \times 10=$
a. 400
b. $4,000,000$
c. 4,000
Q.16) Mr. and Mrs. Maddox and their three children are flying to Los

Angeles. The cost of each ticket is Rs 179. The cost of all tickets is Rs 537.
a. True
b. False
Q.17) A restaurant sells roast beef sandwiches for $\$ 5$ each. There are 2 sandwiches in a bag. Which expression shows how much it would cost to buy 4 bags?
a. $(2 \times 5) \times 4$
b. $(4+2) \times 5$
c. $4+(2 \times 5)$
d. $4 \times(2+5)$
e. none
Q.18) Round each fto its greatest place value, then multiply. $435 \times 48$
Q.19) Tyler burns 354 calories in 1 hour swimming. He swam for 28 hours last month. How many calories did Tyler burn in all last month from swimming?
a. 3,010 calories
b. 8,482 calories
c. 9,912 calories
d. 10,266 calories
Q.20) Find each product.
$3 \times 7=$ $\qquad$
$3 \times 70=$ $\qquad$
$3 \times 700=$ $\qquad$
Q.20) Find each product.

Jon rides the bus for 5 miles, twice a day, for 5 days.
Q.21) Match the following
a) 1000 times 5678
a) $15 \times 12$
b) $97600 \div 10$
b) 1170
c) $12 \times 15$
c) 9760
d) $234 \times 5$
d) 140
e) 5678000
Q.22) By which number 30 is to be multiplied to get the product 540 ?
Q.23) $423 \times 392$ 20000
a) $>$
b) <
Q.24) $2754 \times 8039=8039 \times$ $\qquad$
(a) 2754
(b) 8039
Q.25) $564 \times 10=$ $\qquad$
a) 5640
b) 56400
c) 564000
Q.26) How many times 40 is 1600 ?
Q.27) Elsa usually bakes 350 dozen muffins a month. At this rate, how many dozen will she bake in a year?
a. 4,200 dozen
b. 4,212 dozen
c. 3,500 dozen
d. 3,600 dozen
Q.28) $2000 \times 8=$
a. 16,000
b. 250
c. 9,000
d. 1,400
Q.29) The product of any number and zero is $\qquad$ .
Q.30) The product of 3 numbers remain the same even if the $\qquad$ of the numbers is changed.

## 5. Division

Question Bank
Q.1) The "quotient" is the answer to $a(n)$ $\qquad$ problem.
a. division
b. addition
c. multiplication
d. subtraction
Q.2) The answer in a division problem is the
a. difference.
b. product.
c. quotient.
d. sum.
Q.3) On Tuesday, 132 students sat in 11 rows of chairs to watch the school assembly. If the same number of students sat in each row, how many were in each row?
a. 10
b. 11
c. 12
d. 13
Q.4) The school is planning a field trip. There are 288 students and 16 student seats on each school bus. How many buses are needed to take the trip?
a. 17
b. 18
c. 27
d. 28
Q.5) Mrs. Harris bought a washing machine that cost $\$ 579$. She will make monthly payments in the amount of $\$ 28$ until the washing machine is paid in full. About how many payments will Mrs. Harris make?
a. 12
b. 20
c. 28
d. 30
Q.6) 7 leprechauns want to equally share coins from a pot of gold. There are 80 coins in the pot. The number of coins each leprechaun gets falls between what two whole numbers?
a. 7 and 8
b. 8 and 9
c. 10 and 11
d. 11 and 12
Q.7) How much is $7,000 \div 10$ ?
a. 700
b. 70
c. 7
d. 7,000
Q.8) Lauren bought a television that cost Rs 805 . She plans to make equal payments of Rs 38 each month until the television is paid in full. About how many payments will she make?
a. 20
b. 30
c. 38
d. 40
Q.9) There are 76 people seated at tables. Each table holds 10 people. How many empty seats are there?
a. 3
b. 4
c. 7
d. 10
Q.10) The result of division.
a. Addition
b. Subtraction
c. Division
d. Multiplication
e. Sum
f. Difference
g. Quotient
Q.11) A dividend is the number that is being divided.
a. True
b. False
Q.12) There are 182 seats in a theater. The seats are evenly divided into 13 rows. How many seats are in each row?
a. 14
b. 13
c. 2,366
d. 195
Q.13) Dividend $=$ divisor $\times$ quotient + $\qquad$ .
Q.14) What is four hundred divided by twenty?
a. 30
b. 20
c. 25
d. 35
Q.15) $590 \div 10=59$
a. True
b. False
Q.16) The factory workers make 756 machine parts in 36 hours. The workers make the same number of machine parts each hour. The number they make in each hour is 21 .
a. True
b. False
Q.17) A farmer had 75 kg of onions. He needs to pack them 15 kg per bag. How many bags will he make?
Q.18) What is a quotient?
a. the answer in a subtraction problem
b. the answer in a multiplication problem
c. the answer in a division problem
Q.19) A bakery has 132 cupcakes to divide equally into boxes. Each box holds 12 cupcakes. How many boxes will be needed?
Q.20) Use patterns to find the quotient:
$45 \div 5=$ $\qquad$
$450 \div 5=$ $\qquad$
$4,500 \div 5=$ $\qquad$
$45,000 \div 5=$ $\qquad$
Q.20) If there are 200 fingers, how many people are there?
Q.21) Joey had 6,437 marbles. He gave the marbles to 6 of his friends to be shared equally. How many marbles did each of his friends get?
Q.22) Mrs. Askew plans to sell tote bags at the art festival for Rs 33 each. She will need to make Rs 265 to pay rent for the space at the festival. About how many tote bags will she need to sell to pay the rent?
a. 3
b. 7
c. 9
d. 39
Q.23) Find the estimated quotient for the following after rounding off to nearest tens.
a) 3456 by 13
b) 4363 by 63
Q.24) Find the missing value and write the division statement
a) Dividend $=$ ? Quotient $=5243$ Divisor $=12$ Remainder $=0$
Q.25) A gardener bought 525 pine trees. He wants to plant 15 trees in each row. How many rows can he plant?
Q.26) A tray can hold 12 eggs. How many trays are needed to pack 144 eggs?
Q.27) One litre of petrol costs Rs 82 . How many litres can buy for 500 rupees?
Q.28) The cost of a table fan is Rs 3250 . Find the cost of 5 table fans?
Q.29) There are 15 students in each row of an assembly line. How many students will be there in such 25 rows?
Q.30) Sanu works on a farm. He is paid Rs 325 for one day. If he works for 32 days, how much will he earn?

