ANSWER KEY

FIRST TERMINAL EXAM 2019-20

STD : 4 **SUB : MATHS** **Hours : 2**

DATE : 14/ 10/2019 **MARKS : 40**

Q – 1 [A] Fill in the blanks : [5]

(1)A Six digit number begins with **Lakh** place in the Indian system.

(2)Roman numeral I can be subtracted only from v and **X** .

(3) 1 lakh – 100 thousands **0** .

(4)The product of all even numbers between 1 and 11 is **3840** .

(5)0 ÷ 425 = **0** .

[B] Define : [5]

(1) Place value= **The Place Value of digit depends on its position in the number.**

(2) Successor = **Add 1 to the number to get its successor.**

(3) Descending order = **Arranging numbers from biggest number to smallest number.**

(4) Subtrahend = **The number to be subtracted is called subtrahend.**

(5) Division algorithm= **Dividend = Divisor x Quotient + Remainder is called the Division algorithm.**

Q – 2[A] Write the number name : [3]

(1)12, 156 = **Twelve thousand one hundred fifty six**

(2)1,14,281=**One lakh fourteen thousand two hundred eighty one**

(3)3,459= **Three thousand four hundred fifty nine**

[B] Put the correct symbol : [2]

(1) 14 **=** XIV

(2) XXII **<** XXIV

(3) XC **<** XCII

(4) LXXI **<** 79

[C] Write the place value and face value of underlined digit: [2]

	P. v	F. V
(1) 7, 5<u>6</u>, 243 =	**6,000**	**6**
(2) 37 ,4 <u>5</u> 6 =	**50**	**5**
(3) <u>2</u>, 37, 456 =	**2,00,000**	**2**
(4) 27,8 <u>5</u>9 =	**9**	**9**

[D] write the answer in Roman numerals: [3]

(1) L +X = **LX**

(2) C+ X = **CX**

(3)IX + III = **XXII**

(4) LX +IX = **LXIX**

(5)XL + V = **XLV**

(6) XXXIX + VI =**XLV**

Q - 3 [A] Add the following : [2]

(1)53,164 and 45,413

```
  5 3 1 6 4
+ 4 5 4 1 3
-----------
  9 8 5 7 7
```

(2) 5,19,246 and 3,65,083

```
    1   1
  5 1 9 2 4 6
+ 3 6 5 0 8 3
-------------
  8 8 4 3 2 9
```

[B] Subtract the following : [4]

(1)55,558 -- 12,348

```
  5 5 5 5 8
_ 1 2 3 4 8
-----------
  4 3 2 1 0
```

(2) 7,96,775 – 2,53,542

```
  7 9 6 7 7 5
_ 2 5 3 5 4 2
-------------
  5 4 3 2 3 3
```

(3)4,15,834 – 1,37,469

```
    10      12
  3 0 15 7 2 14
  4 1 5 8 3 4
_ 1 3 7 4 6 9
-----------------
  2 7 8 3 6 6
```

(4) 65,485 – 34,517

```
     4 14 7 15
   6 5 4 8 5
 _ 3 4 5 1 7
-------------
   3 0 9 6 8
```

[C] Multiply : [3]

(1) 4768 by 2

```
  1 1 1
  4 7 6 8
    x   2
  -------
  9 5 3 6
```

(2) 426 by 86

```
   2 4
   1 3
   4 2 6
   x 8 6
  -------
     1
   2 5 5 6
 +3 6 0 8 0
 ----------
 3 8 6 3 6
```

(3) 1434 by 56

```
   2 1 2
   2 2 2
   1 4 3 4
 x     5 6
 -----------
 1 1
   8 6 0 4
 + 7 1 7 0 0
 -----------
 8 0 3 0 4
```

(4) 673 by 215

```
     1
     3 1
     6 7 3
   x 2 1 5
   -------
   1 1
     3 3 6 5
     6 7 3 0
 +1 3 4 6 0 0
 ------------
   1 4 4 6 9 5
```

Q—4 [A] Divide using long division method and write the quotient and remainder: [4]

(1) 826 ÷ 7

```
Q → 1 1 8
  7 | 8 2 6
    -- 7
    -------
      1 2
      - 7
    -------
        5 6
      - 5 6
    -------
        0 0 ← R
```

(2) 7264 ÷ 3

```
Q → 2 4 2 1
  3 | 7 2 6 4
      -6
    -------
      1 2
     -12
    -------
      0 0 6
      --- 6
    -------
        0 0 4
          --- 3
        -------
          0 1 ← R
```

(3) 368 ÷ 12

```
Q → 3 0
  12 | 3 6 8
     --3 6
    -------
       0 0 8
       ---- 0
    ---------
       0 8 ← R
```

(4) 72845 ÷9

```
Q → 8 0 9 3
  9 | 7 2 8 4 5
      --7 2
    ---------
        0 0 8
        ---0
    ---------
          0 84
          ---81
        -------
            0 35
            --27
        -------
R →         0 8
```

[B] Find the product using the expanded notation: [2]

(1) 5 × 45

= 45 × 5

= (40 +5) × 5

= 40 × 5 + 5 × 5

= 200 + 25

= 225

(2) 186 × 3

= (100 + 80+ 3) × 3

= 100 × 3 + 80 × 3 + 3 × 3

= 300 +240 +9

= 549

[C] Word problems : [4]

(1)What must be added to 13,344 to get 19 , 632 ?

```
      12
     5 2 12
   1 9 6 3 2
---  1 3 3 4 4
     0 6 2 8 8
```

(2) The Cost of a Cycle is Rs. 2560 . Find the Cost of 12 such Cycles.

Cost of a cycle = Rs. 2560

Cost of 12 cycles = 2560 × 12

```
    1  1
    2  5  6  0
  ×       1  2
-------------------
  1
     5  1  2  0
+2  5  6  0  0
-------------------
  3  0  7  2  0
```

Thus, Cost of a 12 cycles is 30,720.