Exercise 1Aa

Q1.

**Answer :**

(i) Nine thousand eighteen = 9018
(ii) Fifty-four thousand seventy-three = 54073
(iii) Three lakh two thousand five hundred six = 302506
(iv) Twenty lakh ten thousand eight = 2010008
(v) Six crore five lakh fifty-seven = 60500057
(vi) Two crore two lakh two thousand two hundred two = 20202202
(vii) Twelve crore twelve lakh twelve thousand twelve = 121212012
(viii) Fifteen crore fifty lakh twenty thousand sixty-eight = 155020068

Q2

**Answer :**

(i) 63,005 = Sixty-three thousand five
(ii) 7,07,075 = Seven lakh seven thousand seventy-five
(iii) 34,20,019 = Thirty-four lakh twenty thousand nineteen
(iv) 3,05,09,012 = Three crore five lakh nine thousand twelve
(v) 5,10,03,604 = Five crore ten lakh three thousand six hundred four
(vi) 6,18,05,008 = Six crore eighteen lakh five thousand eight
(vii) 19,09,09,900 = Nineteen crore nine lakh nine thousand nine hundred
(viii) 6,15,30,807 = Six crore fifteen lakh thirty thousand eight hundred seven
(ix) 6,60,60,060 = Six crore sixty lakh sixty thousand sixty

Q3

**Answer :**

(i) 15,768 = (1 x 10000) + (5 x 1000) + (7 x 100) + (6 x 10) + (8 x 1)

(ii) 3,08,927 = (3 x 100000) + (8 x 1000) + (9 x 100) + (2 x 10) + (7 x 1)

(iii) 24,05,609 = (2 x 1000000) + (4 x 100000) + (5 x 1000) + (6 x 100) + (9 x 1)

(iv) 5,36,18,493 = (5 x 10000000) + (3 x 1000000) + (6 x 100000) + (1 x 10000) + (8 x 1000) + (4 x 100) + (9 x 10) + (3 x 1)

(v) 6,06,06,006 = (6 x 10000000) + (6 x 100000) + (6 x 1000) + (6 x 1)

(iv) 9,10,10,510 = (9 x 10000000) + (1 x 1000000) + (1 x 10000) + (5 x 100) + (1 x 10)

Q4

**Answer :**

(i) 6 × 10000 + 2 × 1000 + 5 × 100 + 8 × 10 + 4 x 1 = 62,584

(ii) 5 × 100000 + 8 × 10000 + 1 × 1000 + 6 × 100 + 2 × 10 + 3 × 1 = 5,81,623

(iii) 2 × 10000000 + 5 × 100000 + 7 × 1000 + 9 × 100 + 5 × 1 = 2,05,07,905

(iv) 3 × 1000000 + 4 × 100000 + 6 × 1000 + 5 × 100 + 7 × 1 = 34,06,507

Q5

**Answer :**

The place value of 9 at ten lakhs place = 90 lakhs = 9000000
The place value of 9 at hundreds place = 9 hundreds = 900
∴ Required difference = (9000000 – 900) = 8999100

Q6

**Answer :**

The place value of 7 in 27650934 = 70 lakhs = 70,00,000
The face value of 7 in 27650934 = 7
∴ Required difference = (7000000 – 7) = 69,99,993

Q7

**Answer :**

The largest 6-digit number = 999999
The smallest 6-digit number = 100000
∴ Total number of 6-digit numbers = (999999 – 100000) + 1
= 899999 + 1
= 900000
= 9 lakhs

Q8

**Answer :**

The largest 7-digit number = 9999999
The smallest 7-digit number = 1000000
∴ Total number of 7-digit numbers = (9999999 - 1000000) + 1
= 8999999 + 1
= 9000000
= Ninety lakhs

Q9

**Answer :**

One lakh (1,00,000) is equal to one hundred thousand (100 × 1000).
Thus, one hundred thousands make a lakh.

Q10

**Answer :**

One crore (1,00,00,000) is equal to one hundred lakh (10,000 × 1,000).
Thus, 10,000 thousands make a crore.

Q11

**Answer :**

The given number is 738.
On reversing the digits of this number, we get 837.
∴ Required difference = 837 – 738 = 99

Q12

**Answer :**

The number just after 9547999 is 9547999 + 1 = 9548000.

Q13

**Answer :**

The number just before 9900000 is 9900000 – 1 = 9899999.

Q14

**Answer :**

The number just before 10000000 is 10000000 – 1 = 9999999.

Q15

**Answer :**

The 3-digit numbers formed by 2, 3 and 4 by taking each digit only once are 234, 324, 243, 342, 423 and 432.

Q16

**Answer :**

The smallest number formed by using each of the given digits (i.e, 3,1,0,5 and 7) only once is 10357.

Q17

**Answer :**

The largest number formed by using each of the given digits only once is 964320.

Q18

**Answer :**

**Representation of the numbers on the international place-value chart:**

| Periods | Millions | | | Thousands | | | Ones | | |
|---|---|---|---|---|---|---|---|---|---|
| Place | Hundred millions | Ten millions | Millions | Hundred thousands | Ten thousands | Thousands | Hundreds | Tens | Ones |
| | HM | TM | M | H Th | T Th | Th | H | T | O |
| (i) | | | | 7 | 3 | 5 | 8 | 2 | 1 |
| (ii) | | | 6 | 0 | 5 | 7 | 8 | 9 | 4 |
| (iii) | | 5 | 6 | 9 | 4 | 3 | 8 | 2 | 1 |
| (iv) | | 3 | 7 | 5 | 0 | 2 | 0 | 9 | 3 |
| (v) | | 8 | 9 | 3 | 5 | 0 | 0 | 6 | 4 |
| (vi) | | 9 | 0 | 7 | 0 | 3 | 0 | 0 | 6 |
| | | Crore | Ten lakhs | Lakhs | Ten Thousand | Thousand | Hundred | Tens | Ones |

**The number names of the given numbers in the international system:**

(i) 735,821 = Seven hundred thirty-five thousand eight hundred twenty-one
(ii) 6,057,894 = Six million fifty-seven thousand eight hundred ninety-four
(iii) 56,943,821 = Fifty-six million nine hundred forty-three thousand eight hundred twenty-one
(iv) 37,502,093 = Thirty-seven million five hundred two thousand ninety-three
(v) 89,350,064 = Eighty-nine millions three hundred fifty thousand sixty-four
(vi) 90,703,006 = Ninety million seven hundred three thousand and six

Q19

**Answer :**

| Periods | Millions | | | Thousands | | | Ones | | |
|---|---|---|---|---|---|---|---|---|---|
| Place | Hundred millions | Ten millions | Millions | Hundred thousands | Ten thousands | Thousands | Hundreds | Tens | Ones |
| | HM | TM | M | H Th | T Th | Th | H | T | O |
| (i) | | 3 | 0 | 1 | 0 | 5 | 0 | 6 | 3 |
| (ii) | | 5 | 2 | 2 | 0 | 5 | 0 | 0 | 6 |
| (iii) | | | 5 | 0 | 0 | 5 | 0 | 0 | 5 |

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