



### 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)  $15,768 = (1 \times 10000) + (5 \times 1000) + (7 \times 100) + (6 \times 10) + (8 \times 1)$
- (ii)  $3,08,927 = (3 \times 100000) + (8 \times 1000) + (9 \times 100) + (2 \times 10) + (7 \times 1)$
- (iii)  $24,05,609 = (2 \times 1000000) + (4 \times 100000) + (5 \times 1000) + (6 \times 100) + (9 \times 1)$
- (iv)  $5,36,18,493 = (5 \times 10000000) + (3 \times 1000000) + (6 \times 100000) + (1 \times 10000) + (8 \times 1000) + (4 \times 100) + (9 \times 10) + (3 \times 1)$
- (v)  $6,06,06,006 = (6 \times 10000000) + (6 \times 100000) + (6 \times 1000) + (6 \times 1)$
- (iv)  $9,10,10,510 = (9 \times 10000000) + (1 \times 1000000) + (1 \times 10000) + (5 \times 100) + (1 \times 10)$

Q4

**Answer :**

- (i)  $6 \times 10000 + 2 \times 1000 + 5 \times 100 + 8 \times 10 + 4 \times 1 = 62,584$
- (ii)  $5 \times 100000 + 8 \times 10000 + 1 \times 1000 + 6 \times 100 + 2 \times 10 + 3 \times 1 = 5,81,623$
- (iii)  $2 \times 10000000 + 5 \times 100000 + 7 \times 1000 + 9 \times 100 + 5 \times 1 = 2,05,07,905$
- (iv)  $3 \times 1000000 + 4 \times 100000 + 6 \times 1000 + 5 \times 100 + 7 \times 1 = 34,06,507$

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 ( $10,000 \times 1,000$ ).  
Thus, 10,000 thousands make a crore.

Q11

**Answer :**

The given number is 738.  
On reversing the digits of this number, we get 837.  
 $\therefore$  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
		Crete	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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