Answer the questions

(1) Arrange the following numbers in ascending order:
628763, 9371543, 7165150, 3200573, 583866, 9300850

(2) Find the place value of underlined number
217898

(3) A shopkeeper earns Rs.6528001 in one year. If he spends Rs.1790992 over the year, how much money is left with him at the end of the year?

Choose correct answer(s) from given choice

(4) In an election, the three candidates got 243459, 382364 and 960635 votes respectively. How many votes were cast altogether?
   a. 1598239  
   b. 1565226  
   c. 1586458  
   d. 1576797

(5) The smallest 5 digit number that can be formed by using digits 1, 8, 4, 3, 5 :
   a. 13485  
   b. 31485  
   c. 13458  
   d. 54813

(6) The predecessor of the 92894882 is:
   a. 92894871  
   b. 92894884  
   c. 92894883  
   d. 92894881

(7) There are _________ zeroes in one crore.
   a. 7  
   b. 8  
   c. 6  
   d. 9

Fill in the blanks

(8) The crop yield for the year 2002 was 74026 kg and the crop yield for 2003 was 87814 kg. The yield in the year ______ was more by ______ kg.

(9) Surjeet is traveling to his hometown. Surjeet has to travel 92 Km on Highway number 1, 143 Km on Highway number 20, and 238 Km on highway number 38 and 12 Km within the town to get to his home. The total distance Surjeet needs to travel to reach his home is ______ km.
(10) The place value and the face value of a number is same at _____ place.

(11) Enter the correct operator from <, >, =

A) \(57612028 \quad \text{_____} \quad \text{sixty-five million forty thousand eight hundred sixty-two}\)

B) \(1349414 \quad \text{_____} \quad \text{ninety-four million three hundred seventy thousand eight hundred fifty-nine}\)

(12) A poultry farm produced 236502 eggs in a year. It packaged 89391 eggs and sent them to market while 94746 eggs got destroyed. The number of eggs left with the poultry farm is _____

(13) In all, there are 900000 _____ digit whole numbers in the number system.

(14) _____ hundreds = ten crore

(15) A publisher published 94528 books in the year 1986, 81966 books in 1987, 73228 books in 1988 and 20400 books in 1989. The total number of books were published over these four years was _____.
### Step 1
To compare two large numbers following steps can be used,
- First compare number of digits. Number with more digits will be larger.
- If number of digits are same, compare the most significant (left-most) digit. Number with higher digit at this place will be larger.
- If left-most digits are same, compare next digit (towards right), until we find a case where digits differ

### Step 2
Numbers of digit count = 6,
628763, 583866
On sorting these numbers based on their digits,
Numbers in ascending order = 583866, 628763

### Step 3
Numbers of digit count = 7,
9371543, 7165150, 3200573, 9300850
On sorting these numbers based on their digits,
Numbers in ascending order = 3200573, 7165150, 9300850, 9371543

### Step 4
On merging the list of numbers in ascending orders, we get all the numbers in ascending order as following,
583866, 628763, 3200573, 7165150, 9300850, 9371543

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### Step 1
Total money earned by the shopkeeper in one year = Rs.6528001

### Step 2
Money spent by the shopkeeper over the year = Rs.1790992

### Step 3
Money left with the shopkeeper at the end of the year = Amount earned - Amount spent
= Rs.6528001 - Rs.1790992
= Rs.4737009
c. 1586458

Step 1
The total number of votes cast altogether in the election is equal to the sum of votes that each of the three candidates got.

Step 2
The total votes cast in the election = Votes of 1\textsuperscript{st} candidate + Votes of 2\textsuperscript{nd} candidate + Votes of 3\textsuperscript{rd} candidate
\[= 243459 + 382364 + 960635\]
\[= 1586458\]

c. 13458

Step 1
We need to find a way to arrange the five digits such that the number we get is the smallest possible.

Step 2
Let us recall what we do when we have two 5 digit numbers and we need to find the smaller of the two.

Step 3
The first thing we do is to look at the face value of the left most digit. This means, we look at the digit with the highest place value.

Step 4
The number which has the smaller digit at the left most place (highest place value) is the smaller number of the two.

Step 5
This tells us, to find the smallest number using the digits 1, 8, 4, 3, 5, we should keep the smallest digit at the left most place (the place with the highest place value).

Step 6
So, let us write the digits 1, 8, 4, 3, 5 in the increasing order from left to right.

Step 7
The increasing order of the digits 1, 8, 4, 3, 5 is 13458.

Step 8
This means, the smallest 5 digit number that can be formed by using digits 1, 8, 4, 3, 5 is 13458.

(6) d. 92894881
(7) a. 7
Step 1
Crop yield for the year 2002 = 74026 kg

Step 2
Crop yield for the year 2003 = 87814 kg

Step 3
Since, 87814 > 74026, larger crop yield was in the year: 2003.

Difference between the crop in the year 2003 and 2002 = 87814 - 74026 = 13788 kg.

Step 1
Surjeet has to travel through three highways and one road in his town to reach his home.

Step 2
To find the total distance he will need to travel, we will need to add all distances he covers on all three highways and the road in his town.

Step 3
This means, total distance he will need to travel = 92 + 143 + 238 + 12
= 485 km.
Step 1
Let's first convert number in words to numeric form
sixty-five million forty thousand eight hundred sixty-two = 65040862

Step 2
To compare two large numbers following steps can be used,
- First compare number of digits. Number with more digits will be larger.
- If number of digits are same, compare the most significant (left-most) digit. Number with higher digit at this place will be larger.
- If left-most digits are same, compare next digit (towards right), until we find a case where digits differ

Step 3
Let's first compare number of digits of 57612028 and 65040862,
Number of digits in 57612028 = 8
Number of digits in 65040862 = 8

Step 4
Let's compare 1st digit from left.
1st digit from left in 57612028 = 5
1st digit from left in 65040862 = 6
Since 5 < 6,
57612028 < 65040862
Step 1
Let's first convert number in words to numeric form.
ninety-four million three hundred seventy thousand eight hundred fifty-nine = 94370859

Step 2
To compare two large numbers following steps can be used,
- First compare number of digits. Number with more digits will be larger.
- If number of digits are same, compare the most significant (left-most) digit. Number with higher digit at this place will be larger.
- If left-most digits are same, compare next digit (towards right), until we find a case where digits differ.

Step 3
Let's first compare number of digits of 1349414 and 94370859,
Number of digits in 1349414 = 7
Number of digits in 94370859 = 8

Step 4
Since 1349414 has fewer digits than 94370859,
1349414 < 94370859

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Step 1
The number of total eggs produced by the poultry farm = 236502

Step 2
The number of eggs sent to the market = 89391

Step 3
The number of eggs that got destroyed = 94746

Step 4
The Number of eggs left with the poultry farm = Number of total eggs produced by the poultry farm - Number of eggs sent to the market - Number of eggs that got destroyed
= 236502 - 89391 - 94746
= 52365

Step 5
Therefore, there are 52365 eggs left with the poultry farm.
Step 1
Let us first count the number of digits in the whole number 900000.

Step 2
Counting starting from 9 being the first digit followed by 5 zeroes shows that there are 6 digits.

Step 3
Hence, there could be 900000 6-digit whole numbers in number system. Before we can conclusively say so, we will need to verify it.

Step 4
In order to prove that there are 900000 6-digit whole numbers in the number system, let us subtract the largest 6-digit number with the smallest 6-digit number and add the difference with 1:
\[(999999 - 100000) + 1\]
= 899999 + 1
= 900000

Step 5
We should now conclude that there are 900000 6-digit whole numbers in the number system.
**Step 1**  
Number of books published in the year 1986 = 94528

**Step 2**  
Number of books published in the year 1987 = 81966

**Step 3**  
Number of books published in the year 1988 = 73228

**Step 4**  
Number of books published in the year 1989 = 20400

**Step 5**

\[
\text{Number of books published in all four years} = \text{Number of books published in the year 1986} + \text{Number of books published in the year 1987} + \text{Number of books published in the year 1988} + \text{Number of books published in the year 1989}
\]

**Step 6**  
Let's do the addition:

\[
\begin{align*}
94528 & + \\
81966 & + \\
73228 & + \\
20400 & + \\
\hline
270122 & \\
\end{align*}
\]

**Step 7**  
Therefore, the total number of books published by the publisher in four years was **270122**.