

Ch-4

## PLACE VALUE

### Worksheet

1 Find the place value of 7 in the following number.

i)  $7531 = 7,000$

ii)  $5731 = 700$

iii)  $5371 = 70$

iv)  $5137 = 7$

2 Find the place value of the digit whose position are in the thousand's place in the following number

i)  $26307 = 6,000$

ii)  $58407 = 8,000$

iii)  $365219 = 5,000$

iv)  $123456 = 3,000$

3 Write the number 5 in the following

i) Digit at ten thousand place - 6, 18, 923 = 1

ii) Digit at thousand place - 9, 86, 507 = 6

a) Find the sum of the place value of 5 in the following

numbers:

i)  $305/5 = 500 + 50 = 550$

ii)  $52105 = 50000 + 5 = 50005$

iii)  $61655 = 50 + 5 = 55$

iv)  $52545 = 50000 + 500 + 5 = 50505$

v)  $50005 = 50000 + 5 = 50005$

vi)  $55348 = 50000 + 5000 = 55000$

vii)  $52756 = 50000 + 50 = 50050$

5 The product of the place value of two 5's in 705352 is

a) 2500      ~~25~~ 25      ~~25~~ 25000      ~~25~~ 250000

6 What is the difference of the place value and face value

of 2 in 829?

Ans Place value of 20 in 829 = 20

Face value of 2 in 829 = 2

Required difference =  $20 - 2 = 18$

7 The product of the place value of two 2's in

~~25350~~ 428721 is

a) 4      6140,000      ✓ 1400,000      14,000,000

8 Find the difference between the place values of

3 and 5 in the number 3945.

Ans Place value of 3 in 3945 = 3,000

Place value of 5 in 3945 = 5

Required difference =  $3,000 - 5 = 2,995$

9. In the number 40562,

i) The total value of 5 = ~~500~~ 500

ii) The place value of 6 =

iii) The sum of the place value of 5 and the place value of 6 =  $500 + 60 = 560$

10) Find the difference in the place value of two seven in the number 8,72,574

Ans- The first seven place value in the 8,72,574 = 70,000

① Another seven place value in 8,72,574 = 70

$$\text{Required difference} = 70,000 - 70 = 69,930$$

11) Write the smallest number which is just more than 9,99,999.

9,99,999.

Ans- 10,00,000

12) Starting from the greatest 5-digit number, write the previous five numbers in descending order.

Ans- The greatest 5 digit number = 99,999

The previous five numbers = 99,998, 99,997

, 99,996, 99,995 and 99,994

13) Start from the smallest 7 digit number write the next four numbers in ascending order

Ans The smallest 7 digit number = 1,00,00,000

The next four numbers = 1,00,00,001,

1,00,00,002, 1,00,00,003 and 1,00,00,004

4) How many numbers lie between the largest 3-digit number and the smallest 4-digit number?

Ans The largest three digit number = 999

The ~~small~~ smallest number = 1000

The number lie between =  $(1000 - 999) - 1 - 1$

= 0

15) How many 5 digit numbers are there in all?

Ans = 8999

16) Form a number with

i) 6 at hundred place; 3 at lakh place, 0 at thousand place, 0 at tens place, 1 at ten thousand place and

9 at ones place = 3,18,609

ii) 4 at tens place, 3 at thousand place, 8 at ten thousand place, 5 at lakhs place, 6 at hundred place and

7 at ones place = 5,83,647

17) Find the difference between the place value and face value of 7 in the number 2,34,728

Ans- The place value of 7 in 2,34,728 = 700

The Face value of 7 in 2,34,728 = 7

Required difference =  $700 - 7 = 693$

18) Find the difference between the place value of 8 in the following numbers:

i)  $8248 = 8000 - 8 = 7992$

ii)  $688 = 80 - 8 = 72$

iii)  $88315 = 80000 - 8000 = 72000$

iv)  $28080 = 8000 - 80 = 7920$

19) In the following numbers, find the digit which has the greatest place value:

i)  $2,719 = 2$

ii)  $720,345 = 7$

iii)  $9830 = 9$

iv)  $40,736 = 4$

20. In the following numbers, find the digit which has the smallest place value:

i)  $2,719 = 9$

ii)  $720,345 = 5$

iii)  $98030 = 0$

iv)  $40,736 = 6$