

### Exercise - 3

1. (a)  $754321890 = 75\ 43\ 21\ 890$

(b)  $600700809 = 60\ 07\ 00\ 809$

(c)  $363636363 = 36\ 36\ 36\ 363$

(d)  $172365438 = 17\ 23\ 65\ 438$

(e)  $800036543 = 80\ 00\ 36\ 543$

(f)  $370004231 = 37\ 00\ 04\ 231$

(g)  $80504032 = 8\ 05\ 04\ 032$

(h)  $2561034790 = 256\ 10\ 34\ 790$

2. (a)  $6\ 54\ 32\ 123 =$  Six crore, fifty-four lakh, thirty-two thousand, one hundred and twenty-three.

(b)  $8\ 76\ 00\ 543 =$  Eight crore, seventy-six lakh, five hundred and forty-three.

(c)  $3\ 20\ 30\ 401 =$  Three crore, twenty lakh, thirty thousand, four hundred and one.

(d)  $96\ 65\ 54\ 024 =$  Ninety-six crore, sixty-five lakh, fifty-four thousand and twenty-four.

(e)  $80\ 00\ 00\ 100 =$  Eighty crore, one hundred

(f)  $11\ 22\ 33\ 444 =$  Eleven crore, twenty-two lakh, thirty-three thousand, four hundred and forty-four

(g)  $40\ 03\ 05\ 002 =$  Forty crore, three lakh, five thousand and two

(h)  $120\ 12\ 20\ 506 =$  One hundred twenty crore, twelve lakh, twenty thousand, five hundred and six

3. (a) Seven crore, fifty-five lakh, thirty thousand, nine hundred and twenty-three — 7 55 30 923
- (b) Sixty-two crore and eighty — 62 00 00 080
- (c) Fifty crore, forty thousand, one hundred and three — 50 00 40 103
- (d) One crore, one lakh, one thousand and one — 1 01 01 001
- (e) Nine crore, six hundred and ninety — 9 00 00 690
- (f) Four crore, two lakh, five thousand and eight — 4 02 05 008
- (g) Thirty crore, five lakh — 30 05 00 000
- (h) Forty crore, thirty-five thousand — 40 00 35 000

4. (a) Place value of 7 in 76 54 32 198 = ~~70 00 00 000~~ <sup>Seventy crore</sup>
- (b) Place value of 7 in 6745 23 106 = ~~7 00 00 000~~ <sup>Seven crore</sup>
- (c) Place value of 7 in 10 07 30 200 = ~~7 00 00 000~~ <sup>Seven lakh</sup>
- (d) Place value of 7 in 96 78 65 651 = ~~70 00 00 000~~ <sup>Seventy lakh</sup>

5. (a) 123456789 = 123 456 789
- (b) 987654321 = 987 654 321
- (c) 60606060 = 60 606 060
- (d) 3004025178 = 3 004 025 178
- (e) 455432167 = 455 432 167
- (f) 700700700 = 700 700 700
- (g) 561002394 = 561 002 394
- (h) 1002003004 = 1 002 003 004

6. (a) 135 789 246 = One hundred thirty-five million, seven hundred eighty-nine thousand, two hundred and forty-six
- (b) 62 130 420 = Sixty-two million, one hundred thirty thousand four hundred and twenty
- (c) 123 654 234 = One hundred twenty-three million, six hundred fifty-four thousand, two hundred and thirty-four
- (d) 4 150 200 540 = Four billion, one hundred fifty million, two hundred thousand, five hundred and forty
- (e) 201 301 401 = Two hundred one million, three hundred one thousand, four hundred and one
- (f) 52 478 213 = Fifty-two million, four hundred seventy-eight thousand, two hundred and thirteen
- (g) 1 000 465 246 = One billion, four hundred sixty-five thousand, two hundred and forty-six
- (h) 270 005 678 = Two hundred seventy million, five thousand, six hundred seventy-eight
7. (a) Place value of 9 in 897 000 132 = Ninety million
- (b) Place value of 9 in 987 654 321 = Nine hundred million
- (c) Place value of 9 in 789 600 400 = Nine million
- (d) Place value of 9 in 9 123 065 430 = Nine billion
8. (a) Eighty million, seventy thousand and sixty = 80 070 060
- (b) Sixty million and sixty-six = 60 000 066
- (c) Two hundred three million, two hundred six thousand and seventy-nine = 203 206 079

7. (d) Nine hundred ninety million, six thousand and eighty-nine = 990 006 089
- (e) Three hundred eighty-five million = 385 000 000
- (f) One hundred sixteen million, seven thousand and sixty-three = 116 007 063
- (g) One billion, ninety-nine million, three hundred and fifty-nine = 1 099 000 359

9. (a) 1 lakh = 100 thousand (b) 1 crore = 100 lakh
- (c) 1 million = 1000 thousand (d) 1 million = 10 lakh
- (e) 1 ~~crore~~ crore = 100 million (f) 1 billion = 1000 million

10. (a) 80 80 80 808 comes just after 80 80 80 807
- (b) 3 92 15 699 comes just ~~after~~ <sup>before</sup> 3 92 15 700
- (c) 1 23 45 500 comes just after 1 23 45 499
- (d) 5 36 48 999 comes just before 5 36 49 000

11. (a) The smallest number of eight digits = 1 00 00 000
- (b) The greatest number of 8 digits = 9 99 99 999
- (c) The smallest number of nine digits = 10 00 00 000
- (d) The greatest number of 9 digits = 99 99 99 999

12. (a) 87 65 43 210

$$\rightarrow 800000000 + 70000000 + 6000000 + 500000 + 40000 + 3000 + 200 + 10$$

- (b) 66 65 55 444

$$\rightarrow 600000000 + 60000000 + 6000000 + 500000 + 50000 + 5000 + 400 + 40 + 4$$

12. (c) 12 01 20 120

→ 100000000 + 20000000 + 100000 + 20000 + 100 + 20

(d) 90 08 00 700

→ 900000000 + 800000 + 700

13. (a) 200000000 + 30000000 + 4000000 + 500000 + 60000 + 7000 + 200 + 10 + 9 = 23 45 67 219

(b) 800000000 + 7000000 + 300 + 20 + 1 = 80 70 00 321

(c) 900000000 + 3000 + 7 = 90 00 03 007

(d) 600000000 + 50000 + 2000 + 300 + 10 = 60 00 52 310

14. Ascending order

(a) 87 87 87 877, 69 69 69 696, 99 96 66 555, 87 90 00 001

→ 69 69 69 696, 87 87 87 877, 87 90 00 001, 99 96 66 555

(b) 12 34 56 789, 21 34 56 789, 11 34 56 789, 22 34 56 789

→ 11 34 56 789, 12 34 56 789, 21 34 56 789, 22 34 56 789

(c) 19 00 00 919, 19 20 00 009, 19 19 00 009, 10 99 99 909

→ 10 99 99 909, 19 00 00 919, 19 19 00 009, 19 20 00 009

(d) 22 33 44 556, 30 00 00 000, 20 99 99 999, 22 29 98 877

→ 20 99 99 999, 22 29 98 877, 22 33 44 556, 30 00 00 000

15. Descending order

(a) 78 78 78 787, 96 96 96 966, 55 56 66 999, 78 90 00 002

→ 96 96 96 966, 78 90 00 002, 78 78 78 787, 55 56 66 999

15. (b) 98 76 54 321, 98 76 54 312, 98 76 54 311, 98 76 54 322  
 → 98 76 54 322, 98 76 54 321, 98 76 54 312, 98 76 54 311
- (c) 91 90 00 091, 900 00 092, 90 00 09 191, 90 99 99 901  
 → 91 90 00 091, ~~90~~ 90 99 99 901, 90 00 09 191, 900 00 092
- (d) 77 89 99 222, 99 99 99 902, 90 00 00 000, 77 88 99 221  
 → 99 99 99 902, 90 00 00 000, 77 89 99 222, 77 88 99 221