

MM - 30

Time : - 1 hr

**Choose the correct option from 1 to 7(1 mark each)**

1. One Billion is equal to
  - (a) 10 crore
  - (b) 100 crore
  - (c) 1 crore
  - (d) 1 lakh
2. The smallest 4 – Digit number having three different digits is
  - (a) 1002
  - (b) 1012
  - (c) 1010
  - (d) 1102
3. Place value and face value of a digit are always equal at which place?
  - (a) hundred's
  - (b) ten's
  - (c) one's
  - (d) thousand's time
4. The greatest five digit number formed using the digits 3, 4, 5, 6 repeating 4 twice is
  - (a) 65344
  - (b) 63544
  - (c) 65443
  - (d) 65434
5. The smallest 5 digit number using digits 6, 2, 3 repeating 2 and 6 twice is
  - (a) 66322
  - (b) 22366
  - (c) 23266
  - (d) 22636
6.  $3000000 + 30000 + 300 + 3$  can be written as
  - (a) 3333
  - (b) 303030
  - (c) 3030303
  - (d) 3333000
7. The Product of the place values of two 2's in the 328625 is
  - (a) 4
  - (b) 40000
  - (c) 400000
  - (d) 40000000

**Fill in the blanks from 8 to 15(1 mark each)**

8. Length of the river is 1043Km . Its length in meters is\_\_\_\_\_.
9. In Indian system of numeration, the number 547638794 is written as\_\_\_\_\_.
10. The difference between the place value and face value of 3 in 4372 is\_\_\_\_\_.
11. The standard numeral of " thirty one crore fifty five lakh thirty two thousand eight hundred " is\_\_\_\_\_.
12. Greatest 4 digit number added to 1 gives\_\_\_\_\_.
13. \_\_\_\_\_ thousands makes a lakh
14. Which is smaller 925634 or 3234148\_\_\_\_\_
15. The largest 4 – digit number having distinct digits is\_\_\_\_\_

**Short answer Questions(1 mark each)**

16. Convert 3 kgs 562 grams into grams. Write the answer in words in the International system of numeration.
17. Arrange the following numbers in ascending order  
 652103, 8230107, 73560, 680312, 7230107
18. How many 4 – digit numbers are there in all?

**Long Answer Questions(2 marks each)**

19. Radius of the earth is 6400 km and that of Mars is 4300000 metres. Whose radius is bigger and by how much?
20. Santosh had Rs 50,10,000. He gave Rs 77,500 to Laxmi, Rs 13,63,802 Manish and Rs 2,50,000 to Rajiv. How much money was left with him?

**Case Study Based Questions(4 marks each)**

21. Hafed cold storage had a stock of 58970252 eggs trays. Out of this stock 3789441 egg trays were sent to Delhi and 4207985 egg trays were sent to Haryana for public consumption. How much is the exact egg count left with Hafed cold storage company if an egg tray contains 30 eggs.
22. Find a 4 – digit odd number using each of the digits 1, 2, 4 and 5 only once, such that when the first and the last digits are interchanged, it is divisible by 4.

