

# MATHEMATICS

## Class-VI

### Chapter-1

### Module-8/8

## KNOWING OUR NUMBERS

### Class Test

**Max Mark-40**

**Class-VI**

**Time- 1hr**

General Instructions

- I. Section- A having four questions  $4 \times 1 = 4$
- II. Section-B having four questions  $4 \times 2 = 8$
- III. Section- C having four questions  $4 \times 3 = 12$
- IV. Section-D having four questions  $4 \times 4 = 16$

#### SECTION-A

Answer all questions

1. The difference between the place value and face value of 7 in 658742 is  
a.. 0                      b. 42                      c. 735                      d. 693

Ans: d 693 [700-7]=693

2. Which of the following number is equal to 1 Billion  
a.. 10 Lakh              b. 1 Crore              c. 10 Crore              d. 100 Crore

Ans: d -1 Crore [1,000,000,000=100,00,00,000]

3. The difference of the smallest three digit number and the largest two digit number is  
a.. 100                      b. 1                      c. 10                      d. 99

Ans: 1 [100-99=1]

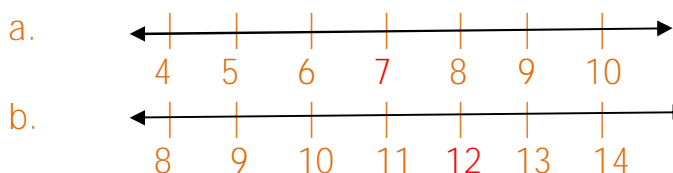
4. Which of the following Roman Numeral is correct?  
a.. XC                      b. XD                      c.DM                      d. VL

Ans: a. XC

#### SECTION-B

5. Represent the following number on the number line  
a. 7                              b. 12

Ans



6. Write in Indian System of Numeration

- a. 254698
- b. 6501254

Ans:

a.. 2,54,698 = Two Lakh, Fifty Four Thousand, Six Hundred Ninety Eight

b. 65,01,254 =Sixty Five Lakh, One Thousand, Two Hundred Fifty Four

7. Write the following in expanded form

- a. 54268
- b. 87549

Ans:

a.  $54268 = 50000 + 4000 + 200 + 60 + 8$

b.  $87549 = 80000 + 7000 + 500 + 40 + 9$

8. Write the following in descending order

- a. 1254,8456,8459,8965,8521
- b. 8759,9654,8569,9513,9786

Ans

a. 8965,8521,8459,8456,1254

b. 9786,9654,9569,9513,8759

#### SECTION-C

9. Estimate the number nearest to 100 and solve

- a.  $1456 + 5879 + 6542$
- b.  $8521 + 9215 + 9359$
- c.  $9518 - 846$

Ans Estimate the number nearest to 100.

a.  $1456 + 5879 + 6542 = 1500 + 5900 + 6500 = 13900$

b.  $8521 + 9215 + 9359 = 8500 + 9200 + 9400 = 27100$

c.  $9518 - 846 = 9500 - 8500 = 1000$

10. A machine on an average manufactures 2825 screws a day. How many screws did it produce in the month of January 2020.

Ans No of days in the month of January 2020 = 31 days

No of screws manufactured in one day = 2825

No of screws manufactured in 31 days =  $31 \times 2825$   
= 87575

11. Write the following in Roman Numeral

- a. 2549
- b. 1365

c. 3987

Ans –

a.  $2549 = 2000 + 500 + 40 + 9 = \text{MMDXLIX}$

b.  $1364 = 1000 + 300 + 60 + 4 = \text{MCCCLXIV}$

c.  $3987 = 3000 + 900 + 80 + 7 = \text{MMMCMMLXXXVII}$

12. Write the following numbers in International System of Numeration

a. 452698789

b. 41523688

c. 875469921

Ans: a..  $452698789 = 452,698,789$

= Four hundred fifty two Million, Six hundred ninety eight thousand and seven hundred eighty nine

b..  $41523688 = 41,523,688$

= Forty one Million, five hundred twenty three thousand, six hundred eighty eight.

c..  $875469921 = 875,469,921$

= Eight hundred seventy five Million, four hundred sixty nine thousand, nine hundred twenty one

#### SECTION-D

13. Find the greatest and smallest numbers.

a. 145623, 45621, 54859, 54869, 45896

b. 51287, 96354, 85214, 86952, 95863

c. 987654, 963214, 965487, 987563, 951646

d. 586948, 587965, 589468, 578946, 526348

Ans: a. The greatest No-145623

The smallest No-45621

b. The greatest No-96354

The smallest No-51287

c. The greatest No-987654

The smallest No-951646

d. The greatest No-589468

The smallest No-526348

14. Shekhar is a famous cricket player. He has so far scored 6980 runs in test matches. He wished to complete 10,000 runs. How many more runs does he need?

Ans :

Shekhar wishes to complete 10000 runs.

Shekhar has scored 6980 runs so far.

$$\begin{aligned}\text{Runs needed to score 10000 runs} &= 10000 - 6980 \\ &= 3,020\end{aligned}$$

Hence Shekhar needed 3020 runs to complete 10000 runs.

15. In an election, the successful candidate registered 5, 77, 500 votes and his nearest rival secured 3, 48, 700 votes. By what margin did the successful candidate win the election?

Ans :

Votes registered by the successful candidate = 577500

Votes registered by the nearest rival = 348700

$$\begin{aligned}\text{Margin by which the successful candidate won} &= 577500 - 348700 \\ &= 2, 28,800\end{aligned}$$

Hence the successful candidate won the election by 228800.

16. Kirti bookstore sold books worth Rs 2, 85, 891 in the first week of June and books worth Rs 4, 00, 768 in the second week of the month. How much was the sale for the two weeks together? In which week was the sale greater and by how much?

Ans :

Price of books sold in the first week = Rs. 285891 .

Price of books sold in the second week = Rs. 400768

$$\begin{aligned}\text{Price of books sold in two weeks} &= \text{Rs. } 285891 + \text{Rs. } 400768 \\ &= \text{Rs. } 6, 86,659\end{aligned}$$

Hence Sale in two weeks is of Rs 6, 86,659

Since  $400768 > 285891$

Sale in the second week is greater.

$$\begin{aligned}\text{Difference in the sales amount} &= \text{Rs } 400768 - \text{Rs } 285891 \\ &= \text{Rs } 1, 14, 877\end{aligned}$$

Hence Sale in the second week is more by Rs 1,14,877.

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