Quick Assessment No. 1.2 - Number Systems

Name: _____

Roll No.: _____ Std: 5 Division: _____ Date: _____

Q.1. Form the greatest and the smallest 7-digit numbers (without repeating a digit) for each of these groups of digits.

a. 9, 4, 0, 1, 6, 5, 2

Greatest number: _____ Smallest number: _____

b. 6, 1, 7, 3, 2, 8, 9

Greatest number: _____ Smallest number: _____

Q.2. Write four 8-digit numbers that include the smallest 8-digit number and the greatest 8-digit number (without repeating a digit) using digits 3, 6, 2, 7, 4, 0, 1, 8. Arrange these numbers in ascending and descending orders.

Numbers: _____

A.O.: _____

D.O.: _____

Q.3. Form the greatest and the smallest 9-digit numbers by repeating any three digits given in Q.2.

Greatest number: _____ Smallest number: _____

Q.4. Frame the number that has the digit '8' in its...

a. crores, lakhs, thousands, and hundreds places. The rest of the digits are three.

_____

b. hundred millions, ten thousands, and ones places. The rest of the digits are zero.

_____

Q.5. Round the following numbers to the nearest…

a. thousand → 2,54,874 _____

b. ten thousand → 54,37,450 _____

Q.6. Solve.

a. Mrs Mangal purchased a plot for ₹9,86,095. So, the estimated cost of the plot rounded to the nearest thousand is ₹_____.

b. The cost of Kate's Villa is ₹3,45,59,000 and that of Vicky's Villa is ₹3,45,07,999. Round the cost to the nearest ten thousand and compare by inserting '>' or '<' sign.

_____ ◯ _____

Estimated cost of Kate's Villa

Estimated cost of Vicky's Villa

Q.7. Write the Hindu-Arabic numerals for these Roman numerals.

a. LXXVIII _____ b. CXXXIV _____ c. CLXI _____

d. CMXVII _____ e. MCCIX _____ f. MLVIII _____

Q.8. Compare the numbers. Insert '>', '<', or '=' sign.

a. 165 ◯ CLXXVI b. CL ◯ CXXXVIII

c. MMIII ◯ MCIII d. XC ◯ CX

Q.9. Simplify. Write the result in Roman numerals.

a. 200 – 49 = _____ b. 1,007 – 6 + 10 = _____

c. 500 + 130 = _____ d. 1000 + 57 = _____

Q.10. Tick the correct option.

a. The greatest 7-digit number formed without repeating the digits 4, 8, 2, 1, 0, 5, 3 is _____.

i. 8543021 ☐ ii. 8543210 ☐

iii. 8543201 ☐ iv. 8540321 ☐

b. The greatest number from the below options is _____.

i. LIX ☐ ii. CXXI ☐ iii. DC ☐ iv. CM ☐

c. 8,55,980 rounded nearest to ten thousand is _____.

i. 8,55,000 ☐ ii. 8,50,000 ☐

iii. 8,53,000 ☐ iv. 8,60,000 ☐

d. The result of 1000 – 200 in Roman numerals is _____.

i. CDDD ☐ ii. CMC ☐ iii. DCCC ☐ iv. DCCLL ☐

e. This number has 5 in hundred millions, ten thousands, and ones places.

The rest of the digits are 1. This number is _____.

i. 511,151,115 ☐ ii. 151,151,151 ☐

iii. 511,511,115 ☐ iv. 511,511,151 ☐

Teacher's remark: _____