GREENLAWNS SCHOOL, WORLI

Terminal Examination 2019

Mathematics

STD: VI Marks: 80

DATE: 24.09.2019 TIME: 2hr

Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Roll No: \_\_\_\_\_\_\_\_

* *Section A is to be answered on the question paper. Attach Section A to your answer booklet.*
* *Rough work must be shown on the same page as the sum and not on a separate page.*

**Section A (40 marks)**

**Question 1**

Fill in the blanks: [10]

1. Seventy lakh sixty nine = \_\_\_\_\_\_\_\_. (In words – In Indian system)
2. If 10 represents gain of ₹10, then -10 represents \_\_\_\_\_\_\_\_ of ₹10.
3. 247 round off to hundred = \_\_\_\_\_\_\_\_\_\_\_.
4. 0 ÷ 286 = \_\_\_\_\_\_\_\_\_\_.
5. 12 x \_\_\_\_\_ + 2 = 110
6. x Is a fraction of y, then y is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of x.
7. If – 8 < – 6, then – 8 is on the \_\_\_\_\_\_\_\_\_\_ of – 6.
8. $\_{8}^{5}$ = $\frac{37}{8}$
9. 532.43 x 7 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
10. $\frac{2}{15} and \frac{7}{15} are \\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_$ fractions.

**Question – 2:**

1. Insert commas suitable and write the names according to International system of numeration: [2]
2. 78921092 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Write the greatest and smallest 4 digit number using 5, 6, 0, 9. [2]

Greatest number = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Smallest number = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Pick out the proper fraction and improper fraction: $\frac{2}{9}, \frac{4}{3}, \frac{11}{20},\frac{23}{18}$ [2]

Proper fraction = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Improper fraction = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Replace \* by < or > [2]
	1. 3 \* 3 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. 0 \* - 125 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Write the place values of the two 6s (sixes) used in the number 46867 and find the sum of these two values. [2]

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1. Evaluate: $3\frac{1}{2} ÷ 2\frac{1}{3}$[2]

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1. The H.C.F and the L.C.M of two numbers are 50 and 300 respectively. If one of the numbers is 150, find the other one. [3]

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1. Nandini house is $\frac{9}{10}$ km from her school. She walked some distance and then took a bus for $\frac{1}{2}$ km to reach the school. How far did she walk? [3]

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1. The total weight of the mixture of two things A and B is 50 kg. If A and B are mixed in the ratio 3:7, find the quantity of B in the mixture. [3]
2. Evaluate: [4]
3. $\frac{1}{4}+ \frac{5}{8}$ **b)** $\frac{1}{2}+ \frac{1}{5}$

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1. Estimate the sum of 598, 734 and 606 to the nearest ten. **[2]**
2. Write the place values of the two 6s (sixes) used in the number 46867 and find the sum of these two values. **[2]**
3. In each case, arrange the given integers in ascending order, using a number line.

-9, 0, -3, 5, 9, -1. **[2]**

1. Write all prime numbers: **[2]**
2. Less than 17.
3. Between 15 and 29.
4. Write the following number in words and also in expanded form:  **[2]**
5. 7,48,000
6. Write the greatest and smallest 4 digit number using 5, 6, 0, 9. **[2]**
7. Replace \* by < or > **[2]**
8. $-3\*3$
9. 0 \* -125

**Section – B**

**(Attempt all questions)**

**Question – 3**

1. If the ratio between $x+3$ and $2x-3$ is 5:7; find $x$.  **[3]**
2. If $x=49,283,y=754 and z=1,45,280, find:$ **[3]**

(i) x + z (ii) z – x (iii) x + y

1. By re-arranging the given numbers, evaluate: **[3]**
2. 162 + 253 + 338 + 47
3. Using common factor method, find H.C.F of the given numbers. **[3]**
4. 12, 24, 36, 48
5. Find the ratio of 40cm to 2.5m. **[3]**

**Question – 4**

1. At the beginning of a month, a factory has enough materials to make 240 tonnes of steel in a month. If 60 more tonnes of steel are to be made that month, how long will the material last? **[3]**
2. Find the H.C.F and L.C.M of 496 and 2080 by division method. **[3]**
3. Complete each of the following magic squares: **[3]**

i) ii)

1. Without making any actual division, show that each of the following numbers is divisible by 12. **[3]**
2. 12012
3. 120012
4. 12000012
5. Coffee costs ₹ 80 per 50 g and tea costs ₹ 440 per kg. Find the ratio of costs of 1g coffee to 1g tea. **[3]**

**Question – 5**

1. Using the common multiple method, find the L.C.M of the following: **[3]**

10, 12, 15, 20

1. From the sum of $5x^{2}-7x+4$ and $-3x^{2}+5x+2$ subtract$ x^{2}+x+1$.

(Use row method) **[3]**

1. Using number line, write the following: **[4]**
2. 4 more than 6.
3. 5 more than -2.
4. 6 less than 4.
5. 3 less than -2.

**3**