



# DELHI PUBLIC SCHOOL FIROZABAD

Half yearly Examination - Term 1

Subject-Mathematics

Class-V

M.M. 60

Duration: 2:30 hrs

Adm. No. \_\_\_\_\_ Name \_\_\_\_\_ Date \_\_\_\_\_

## General Instructions:

1. All questions are compulsory.
2. Marks for each question are mentioned appropriately.
3. Question paper is divided into five sections A,B,C,D,E.
4. Do the rough work in the allotted area only.
5. Questions are to be answered on the question paper itself on the space provided against each question.

## SECTION – 'A'

### Q 1. Tick the correct answer :

( 0.5 mark each )

1. A 7 digit number starts with \_\_\_\_\_ place in the Indian system.  
a) Lakhs      b) ten thousands      c) ten lakhs      d) crores
2. The no. of zeros in 1 million are  
a) 8      b) 7      c) 9      d) none of these
3.  $3535 \times 101 = \underline{\hspace{2cm}}$ ?  
a) 350035      b) 353035      c) 355035      d) 357035
4. Vipin saved Rs. 485 per month. How much did he save in 5 years?  
a) 24250      b) 26675      c) 28560      d) 29100
5. The fraction equivalent to  $\frac{5}{7}$  is-  
a)  $\frac{25}{28}$       b)  $\frac{35}{49}$       c)  $\frac{15}{14}$       d)  $\frac{40}{63}$
6. Which of the following is incorrect?  
a)  $\frac{2}{3} > \frac{7}{3}$       b)  $\frac{7}{9} > \frac{5}{9}$       c)  $\frac{10}{11} = \frac{100}{110}$       d)  $\frac{9}{8} > \frac{7}{8}$
7. What is the sum of reciprocals of 8 and  $\frac{1}{6}$ ?  
a)  $6\frac{1}{8}$       b)  $\frac{8}{49}$       c)  $8\frac{1}{6}$       d)  $\frac{6}{49}$

Rough Work

8.  $7.7 + 7.77 + 7.777 =$  \_\_\_\_\_?  
a) 21.777    b) 23.247    c) 21.427    d) none of these.

9.  $\left( \frac{0.1}{0.01} + \frac{0.01}{0.1} \right)$  is equals to-

- a) 10.1    b) 1.01    c) 1.10    d) 10.01

10.  $2.62 \div 131 =$  \_\_\_\_\_?

- a) 2    b) 20    c) 0.2    d) 0.02

**SECTION – ‘B’**

**Q 2. Calculate the following as directed in the question :**

**A. Fill in the blanks:**

**( 1 mark each )**

1. In 5,67,32,548 ; the place value of 2 is \_\_\_\_\_ and that of 6 is \_\_\_\_\_.
2.  $765765 \div 765 =$  \_\_\_\_\_.
3. The no. should be added to 68965 to get 87013 is \_\_\_\_\_.
4. When  $\frac{5}{9}$  of a bucket is filled with water \_\_\_\_\_ is still empty.
5.  $\frac{1}{2} + 0.25 =$  \_\_\_\_\_ (in decimals)

**B. State True and false :**

**( 1 mark each )**

1. Dividend is always greater than divisor.
2.  $a \times (b + c) = (a \times b) + (b \times c)$
3. The Place value of 5 in 5,46,371 is 5 lakh.
4. A Proper fraction is always less than 1.
5.  $\frac{17}{500}$  is a decimal fraction.

**SECTION – ‘C’**

**Q 3. Solve the following as instructed in the statement :**

**( 2 marks each )**

1. Write the expanded form of the number 9,832.

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2. By how much does 9,68,983 exceed 7,65,432?

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3. A truck can carry 6,758 kg of goods. How much can 972 trucks carry?

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4. Find the value of the following :

(a)  $5 \times 1986 \times 20$

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(b)  $68190 \div 15$

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5. Arrange the following fractions in the descending order.

$$\frac{3}{5}, \frac{1}{2}, \frac{7}{10}, \frac{5}{6}$$

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6. (a) Subtract 2736879 from 5342568

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(b) Add 132.5697 + 23.679

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7. Write the decimal in expanded form :

(a) 237.641

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(b) 20.613

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8. One kg of rice costs Rs 37.80. What will be the cost of 10.25 kg of rice?

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9. Simplify:

(a)  $2\frac{1}{3} + 4\frac{1}{2}$

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(b)  $\frac{17}{16} - \frac{11}{24}$

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**SECTION 'D'**

**Q 4. Calculate the following questions :**

**( 3 marks each )**

1. The population of a city is 1,52,07,635. There are 67,51,574 men and 60,36,425 women and remaining are children. How many children are there in the city?

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2. Subtract the sum of  $5\frac{1}{2}$  and  $6\frac{3}{8}$  from the sum of  $6\frac{1}{2}$  and  $7\frac{3}{4}$ .

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3. By how much should 43.786 be increased to get 50?

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4. Evaluate the following :

(a)  $3.174 \times 24.3$

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(b)  $43.128 \times 12$

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5. The product of two numbers is 17,85,483.if one number is 81 , find the other number.

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**SECTION 'E'**

**Q 5. Read the following questions carefully and solve :**

**( 4 marks each )**

1. An express train covers a distance of 1073.4 km in 12 hours. If the train covers equal distance in equal intervals of time, what distance does it cover in one hour?

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2. Maya's school is 9 km away from her house. She covers  $\frac{2}{3}$  of distance in a rickshaw. Due to some fault she had to cover the remaining distance on foot . How far did she walk?

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3. A person donates Rs. 8.50 in an NGO for the child education.

(a) If the total amount donated is Rs. 4,250, then find the total number of persons who has donated for the child education?

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(b) What value do you learn in this question?

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