DAV PUBLIC SCHOOLS, ODISHA ZONE
HALF YEARLY EXAMINATION, 2023-24

- Please check that this question paper contains **03** printed pages.
- Check that this question paper contains **05** questions.
- Write down the Serial Number of the question in the left side of the margin before attempting it.

CLASS : V
SUBJECT : MATHEMATICS

Time : 2 Hours **Maximum Marks : 50**

General Instructions :

- All the questions are compulsory.
- This question paper consists of 4 printed pages and 5 questions.
- This question paper has 4 sections - A ,B , C and D
- Section A contains 1 mark questions.
- Section B contains 2 marks questions.
- Section C contains 3 marks questions.
- Section D contains 4 marks questions.
- Internal choice is given in question number 3 and 5.
- Verify your answer thoroughly.

SECTION - A

1) Choose the correct option. **(1x5=5)**

a) 60 millions = _____ crores.

(i) 60 (ii) 6 (iii) 600 (iv) 6000

b) The smallest factor of 20 is _____.

(i) 1 (ii) 2 (iii) 4 (iv) 20

c) _____ should be subtracted from $\frac{3}{2}$ to get $\frac{1}{2}$.

(i) $\frac{1}{2}$ (ii) 2 (iii) 3 (iv) 1

d) 10.1 + 1.001 =_____

(i) 11.110 (ii) 11.011 (iii) 11.101 (iv) 10.101

e) Which one is the smallest decimal number?

(i) 8.8 (ii) 8.89 (iii) 8.9 (iv) 8.98

2) Fill in the blanks. **(1 x 10=10)**

a) Numeral for Forty lakh four hundred is _____.

b) 0.02 + 0.002 + 0.2 = 0.006 _____ . (True/False)

c) The number name of 67.05 is _____ .

d) 212^0 F is the _____ point of water in the Fahrenheit scale.

e) Temperature of healthy adult is_____° F.

f) All even numbers are composite numbers. _____ (True / False)

g) 6th multiple of 5 = 10th multiple of ____ .

h) The HCF of 5 and 15 is ____.

i) What comes next $\frac{5}{9}, \frac{10}{18}, \frac{15}{27}$, _____ .

j) $\frac{8}{11}$ x ____ = 1 .

SECTION –B

3) Answer the following questions. **(2 x 6 = 12)**

a) Find the sum of greatest 5-digit number and greatest 4-digit number.

b) Add.

$\frac{5}{8} + \frac{1}{6}$

c) Write in expanded form in two ways for16.57.

d) Convert 45° C into degree Fahrenheit.

e) Arrange the given information using tally marks.

Name of the trees	Number of fruits
Kiwi	12
Strawberry	21
Plum	5
Blueberry	11

f) Divide 24 by $3\frac{3}{4}$.

OR

Divide $\frac{21}{4}$ by $\frac{7}{16}$.

SECTION – C

4) Answer the following questions. (3 x 5= 15)

a) Form the greatest 7 digit number using the digits 0, 3 , 8 , 9 , 2 , 5 and 7 only once. Write the successor and predecessor of it.

b) Find LCM of 27 and 36 by prime factorization method.

c) i) Write first two even multiples 7.

ii) Find the prime factorisation of 70 using factor tree method.

d) For an inter school art competition Ria brought 3.2 m red ribbon, Smita brought 5.8 m yellow ribbon and Meena brought 2.6 m of blue ribbon. They made a beautiful showpiece with these colorful ribbons and won the competition.

i) Find the total length of ribbons brought by the team.

ii) How do you feel working in a team?

e) Mala has 90 toffees. She gives $\frac{5}{9}$ of them to her friends. How many toffees are left with her?

SECTION –D

5) Answer the following questions. (4 x 2= 8)

a) Rocky purchase a choco-pie for Rs. 450.50 ,a watch for Rs.250. 50 and a pencil box for Rs.100.50 . Find the amount of money left with him if he had Rs.1000 in his money purse.

b) A tall office building has 28 floors. Each floor has 40 windows. Each window is to be decorated with 60 tiny bulbs. How many bulbs would be needed to decorate all the windows?

OR

c) Mr Mehta earns Rs.9924000 per annum. Find his earnings in two months if he earns the same amount every month.

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