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DAV PUBLIC SCHOOLS, ODISHA ZONE
HALF YEARLY EXAMINATION, 2023- 2024

- Check that this question paper contains **3** printed pages and **5** questions.
- Write down the serial number of the question in the left side of the margin before attempting it.

CLASS – IV
SUB: MATHEMATICS

Time: 2 Hours

Maximum Marks: 50

General Instructions:

- 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.
- Verify your answers thoroughly.

SECTION –A

(1) Fill in the blanks.

(10 x 1 =10)

- (a) The product of a number and zero is always_____.
- (b) The greatest 6-digit number using 5,4,2,3,0,8 is 854302._____ (True/False)
- (c) $450 + \underline{\hspace{2cm}} = 800 - 100$
- (d) There are _____ right angles in straight angle.
- (e) A 72° angle is a/an _____ angle.
- (f) $78 \text{ metres} = \underline{\hspace{2cm}} \times 78 \text{ centimetres}$
- (g) $\underline{\hspace{2cm}} \div 5 = 3000$
- (h) $342 \times 20 = \underline{\hspace{2cm}}$
- (i) $\underline{\hspace{2cm}} - 7000 = 25,500$
- (j) $20000 + 900 + 10 + 6 = \underline{\hspace{2cm}}$ (write in standard form)

(2) Choose the correct option.

(5 x 1= 5)

- (a) There are _____ dozens in 264.
(i) 44 (ii) 22 (iii) 13 (iv) 11
- (b) The number of thousands in 5 lakhs is _____.
(i) 500 (ii) 5000 (iii) 50 (iv) 1000
- (c) The two rays forming an angle are called the _____ of the angle.
(i) arms (ii) point (iii) line (iv) line segment
- (d) The perimeter of a rectangle whose length and breadth are 30 cm and 15 cm respectively is _____ cm
(i) 50 (ii) 90 (iii) 45 (iv) 120
- (e) $27\text{ m } 56\text{ cm} = \text{_____ cm}$
(i) 20756 (ii) 27056 (iii) 2756 (iv) 10056

SECTION – B

(3) Answer the following questions.

(6 x 2 = 12)

- (a) Subtract and check: 2,34,567 from 3,45,000.
- (b) Arrange the following numerals in descending order.
217540; 215654 ; 225655 ; 220472
- (c) Find the product: 437×641
- (d) Convert 29056 m into km and m.
- (e) In a rectangle, length is two times its breadth. If its breadth is 18 cm, find its perimeter.
- (f) Divide and check your answer: $6287 \div 12$

OR

The product of two numbers is 5301. If one number is 93, find the other number.

SECTION – C

(4) Answer the following questions.

(5 x 3 = 15)

- (a) Write down the greatest number of 5- digits and smallest number of 6-digits.
Also find the difference between the two numbers.
- (b) Draw an angle XYZ of measure 75° . Name its vertex and arms.
- (c) One dozen banana costs Rs. 78. Find the cost of 650 dozen bananas.

(d) Ram, Shyam and Krishna are good friends. Among them, Shyam is very poor. He was not able to buy books and uniforms for his new class. Ram and Krishna wanted to help Shyam. They spoke to their parents and gave Rs. 2150 and Rs. 1500 to Shyam. It helped Shyam to buy books and uniform.

(i) How much money did Ram and Krishna give to Shyam?

(ii) How do you feel when you help others?

(e) 42 books can fit on one shelf of an almirah. Find the number of shelves required to keep 4158 books.

SECTION – D

(5) Answer the following questions.

(2 x 4 = 8)

(a) Neha has a rectangular farmhouse of length 65 m and breadth 40 m. She wants to fence her farmhouse with barbed wire. If the rate of fencing is Rs.15 per metre, then find the total cost of fencing.

(b) An ant climbed 8 m 50 cm on a wall, then it came down 4m 75 cm along the same wall. How far is the ant from the starting point? Convert your answer into centimetres.

OR

A tall tower is painted in red, white and black colour. 15 m 50 cm is painted with black colour, 15 m 75 cm is painted with red colour and 20 m 25 cm is painted with white colour. Find the height of the tower in centimetres.

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