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DAV PUBLIC SCHOOLS, ODISHA ZONE
ANNUAL EXAMINATION (2025-26)

CLASS – V

SUB – MATHEMATICS

Time: 2 Hours

Maximum Marks: 50

GENERAL INSTRUCTIONS :

- Check that this question paper contains 3 printed pages and 28 questions.
- Write down the Serial Number of the question in the left side of the margin before attempting it.
- All the questions are compulsory. However, internal choices have been given in some questions.
- 28 questions are divided into five sections A(Question No.1-5) , B(Question No.6-15) , C(Question No.16-21) , D(Question No.22-26) and E(Question 27-28).

SECTION – A

Choose the correct option :

(1 x 5 = 5)

1. The population of which city is closest to four lakh ? _____

A. Berhampur-3,55,823

B. Rourkela-4,52,970

C. Puri-2,01,026

D. Sambalpur-3,35,761

2. Identify the correct statement from the following. _____

A) $S.P+L = C.P$

B) $S.P-L= C.P$

C) $C.P- G=S.P$

D) $S. P+G=C.P$

3. $\frac{2}{5} =$ _____ %

A. 50 %

B. 40 %

C. 20 %

D. 80 %

4. $0.081 \div$ _____ $= 0.000081$

A. 10

B. 100

C. 1000

D. 10000

5. The sum of other two angles in a right angled triangle is _____

A. 45°

B. 90°

C. 30°

D. 75°

SECTION – B

Fill in the blanks

(1 x 10 = 10)

6. $3 \times 0.3 \times 0.03 =$ _____
7. $7 + 7 \div 7 \times 7 - 7 =$ _____
8. 15.843 rounded off to the two decimal places is _____.
9. The average of 4 numbers is 15, the sum of numbers is _____.
10. If there is a loss then $CP < SP$. _____ (True/False)
11. $8.7 = 870\%$ _____ (True / False)
12. 16.807 rounded off to the nearest ones is _____.
13. If $SP = \text{Rs.}3085$, Profit = Rs.905, then $CP =$ _____
14. The measure of each angle of an equilateral triangle is _____
15. How many acute angles are there in an obtuse angled triangle ? _____

SECTION – C

Answer the following questions

(2 x 6 = 12)

16. Find the product : 3.1×0.04
17. Round off the difference of 508.1 and 212.645 to the nearest hundredth.
18. Find the average of the first five multiples of 4 .
OR
Find the average of $\frac{2}{3}$, $\frac{1}{3}$ and $\frac{1}{2}$
19. Anil buys a chair for Rs.300. He pays Rs.25 as transport charges and sells it to Mr. Aman for Rs.420 . Find his profit or loss.
20. Find the percentage of the letter 'E' in the word 'ENCYCLOPEDIA'.
21. Two angles of a triangle are 35° and 55° respectively. Find the measure of the third angle. What type of triangle is this ?

SECTION – D

Do as directed

(3 x 5 = 15)

22. Reema requires 2.25m cloth to stitch a skirt. How many skirts can be stitched with 20.25m of cloth ?
23. Simplify : $3.5 + 6 \div 0.6 \times 2.5$

24. The average age of three brothers is 25 years. If the age of two brothers are 18 years and 27 years, find the age of third brother .
25. Ms. Priya purchased the following items from Super Bazar, Sahid Nagar, Bhubaneswar on 10th February 2024. Prepare a bill on the basis of the given data. Also find the total amount to be paid.
- (a) 500 g of sugar at Rs.46 per kg
 - (b) 250g of beans at Rs.120 per kg
 - (c) 500ml of oil at Rs.110 per litre
 - (d) $1\frac{1}{2}$ kg of wheat at Rs.90 per kg

VALUE BASED QUESTION

26. Once Mahesh visited his uncle's village in Odisha. He was happy to see the people of different religions celebrating Eid together with great enjoyment. He shared her feelings with her uncle. He told Mahesh that the village had a population of 3,00,000 out of which 45% are Hindus, 20% are Sikhs and rest are Muslims. They celebrate all the festivals with same zeal. She was proud to feel the unity in diversity of India.
- (i) What is the number of Muslims in the village? (2)
 - (ii) Name the festival you celebrate together with your neighbours. (1)

SECTION – E

Word problems

(4 x 2 = 8)

27. A shopkeeper bought 10 pairs of shoes for Rs.190 per pair. He makes a profit of Rs.300 by selling all of them. Find the selling price of each pair of shoes ?
28. A man borrowed Rs. 2,500 at 10% interest per annum. After $2\frac{1}{2}$ years, he withdraws the amount and purchased a cycle for Rs.2,800. How much money is left with him now ?

OR

Rohan deposited Rs.6000 in a bank at $7\frac{1}{2}$ % per annum for three years .
Mohan deposited Rs.6000 in another bank at 11% per annum for $2\frac{1}{2}$ years. Who will get more simple interest ?