

PERIODIC TEST-2 (2022-2023)

NAME: _____

GRADE :6

SUBJECT : MATHEMATICS

DATE: 18.8.22

TIME : 1 ½ Hours

Total Marks: 40

I. Choose the correct answer:

(5X1=5)

1. Identify the statement that is true
 - a. Zero is the smallest natural number
 - b. 1 is the smallest whole number
 - c. All natural numbers are whole numbers
 - d. The predecessor of a two digit number can never be a single digit number.
2. Identify the operations that is associate for whole numbers
 - a. Addition and Subtraction
 - b. Addition and Multiplication
 - c. Multiplication and Subtraction
 - d. Multiplication and Division
3. If a and b are whole numbers such that $b > a$, then
 - a. $a+1 < b$
 - b. $a-1 > b-1$
 - c. $bx1 < ax1$
 - d. $0 \div b = 0 \div a$
4. _____ is the identity element for whole numbers under addition
 - a. 0
 - b. 1
 - c. number itself
 - d. 100
5. A number divisible by 3 but not by 6
 - a. 48
 - b. 12
 - c. 27
 - d. 36

II. State the property or rule used in each case : (5x1=5)

6. 467×89 is a whole number
7. b is a whole number , $b+0 = 0$
8. 4707 is divisible by 9.
9. $687 \times (56-48) = 687 \times 56 - 687 \times 48$
10. 786548 is divisible by 4.

III. Solve the following: (choose any 5) (5x2=10)
(Question no 11 is compulsory)

11. Find the product of the greatest four digit number and the smallest 5 digit number.
12. Write the whole numbers between 999999 and 1000006.
13. Determine each of the following sums using suitable arrangement
 $313+482+7118+567$.
14. Divide 37893 by 87 and Check the answer.
15.
$$\begin{array}{r} 7148 - \\ \underline{**69} \\ 38** \end{array}$$
16. Determine product by suitable arrangement $20 \times 789 \times 5$

IV. Solve the following: (choose any 5) (5x3=15)
(Question no 17 is compulsory)

17. What least number must be added to 13400 to get a number exactly divisible by 43?
18. Evaluate the following using the number line
a. $8+5$ b. $18 \div 3$
19. Fill in the blanks to make each statement true:
a) $76937 + \underline{\hspace{2cm}} = 9945 + 76937$.
b) If y is a whole number such that $y \times y = y$, then $y = \underline{\hspace{2cm}}$.
c) $1000000 - \underline{\hspace{2cm}} = 70986$.
20. Find the smallest 4 digit number divisible by 37.
21. Find the difference between 9999 and 60045.
22. Use distributive property of multiplication over addition / subtraction and solve the following
a) 3675×96 b) 563×107

V) Solve the following word problems:

(1 x 5 = 5)

23. a. A company sold goods worth Rs.18735649 in the month of July. The sales proceed for the first two weeks were Rs.2156477 and Rs.3356723. What were the sales proceeds for the last two weeks.

b. A school bought 503 laptops for Rs.9283368 .What is the cost paid for a laptop?

ALL THE BEST.