Delhi Public School Guwahati
"Under the aegis of the Delhi Public School Society, Delhi"

Mathematics holiday homework for class-VI

CHAPTER: 1

1. $3 \times 10000 + 0 \times 1000 + 8 \times 100 + 0 \times 10 + 7 \times 1$ is same as

    (a) 30087   (b) 30807   (c) 3807   (d) 3087

2. 1 billion = _____

    (a) 100 millions   (b) 10 millions   (c) 1000 lakhs   (d) 10000 lakhs

3. Which is not defined?

    (a) $5 + 0$ (b) $5 - 0$ (c) 5×0 (d) $5 \div 0$

4. Product of the place values of two 2's in 428721 is:

    (a) 4   (b) 40000   (c) 400000   (d) 40000000

5. What is the smallest 4-digit number with different digits?

CHAPTER: 2

6. A whole number is added to 25 and the same number is subtracted from 25. The sum of the resulting numbers is:

    (a) 0   (b) 25   (c) 50   (d) 75

7. A box contains 5 strips having 12 capsules of 500mg medicine in each capsule. Find the total weight in grams of medicine in 32 such boxes.

8. Find the product using suitable property:

    (a) 232×95 (b) $25 \times 8 \times 4 \times 125$

9. Given below are two columns – Column I and Column II. Match each item of Column I with the corresponding item of Column II.

Column I	Column II

(i) The difference of two consecutive whole numbers	(a) odd
(ii) The product of two non-zero consecutive whole numbers	(b) 0
(iii) Quotient when zero is divided by another non-zero whole number	(c) 3
(iv) 2 added three times, to the smallest whole number	(d) 1
(v) Smallest odd prime number	(e) 6
	(f) even

10. Determine the sum of the four numbers as given below:
    (a) successor of 32
    (b) Predecessor of 49
    (c) Predecessor of the predecessor of 56
    (d) Successor of the successor of 67

CHAPTER: 3

11. How many lakhs make five billions? How many millions make 3 crores?
12. Using divisibility test, determine which of the following numbers are divisible by 6?
    (a) 672   (b) 5652
13. In a school library, there are 780 books of English and 364 books of Science. Ms. Yanking, the librarian of the school wants to store these books in shelves such that each shelf should have the same number of books of each subject. What should be the minimum number of books in each shelf?
14. Fatima wants to mail three parcels to three village schools. She finds that the postal charges are Rs 20, Rs 28 and Rs 36 respectively. If she wants to buy stamps only of one denomination, what is the greatest denomination of stamps she must buy to mail the three parcels?
15. Using divisibility tests, determine which of the following numbers are divisible by 8?
    (a) 4096   (b) 21084   (c) 3179501

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