

S.B.O.A SCHOOL AND JUNIOR COLLEGE,  
CHENNAI – 101

STD: 7

SUBJECT: MATHS

I. Fill in the blanks

1. The collection of Natural numbers, whole numbers and Negative numbers are called \_\_\_\_\_
2. The additive inverse of 8 is \_\_\_\_\_
3. All integers are either positive or negative except \_\_\_\_\_
4. The multiplicative inverse of 23 is \_\_\_\_\_
5. The greatest negative integer is \_\_\_\_\_
6. The successor of  $-11$  is \_\_\_\_\_

II. Answer the following

1.  $0 + 9 = \underline{\quad}$ ,  $9 + 0 = \underline{\quad}$   
'0' is called the \_\_\_\_\_
2. Add
  - a)  $-9$  and  $9$
  - b)  $4, 5, -6, 11$
3. Subtract
  - a)  $7$  from  $13$
  - b)  $-8$  from  $54$
4. Write all the integers lying between
  - a)  $-5$  and  $5$
  - b)  $-82$  and  $-93$
5. Draw a number line and represent
  - a)  $-7$ ,      b)  $4$ ,      c)  $-15$
6. Add using number line
  - a)  $4 + (-5)$
  - b)  $-3 + 4$
7. If  $2 \times 3 = 6$ , then find the value of  $-2 \times 3$
8. Find the value of  $-4-5$
9. Is  $-3-7$  equal to  $-7-3$  if yes, Justify your answer.
10. Find the value of
  - a)  $14 + (-5) - (-16)$
  - b)  $-42 - (-6) + (-19) + 30$
11. Find the value of 3 less than 4.
12. Compare
  - a)  $0, 4$
  - b)  $4, -5$
  - c)  $0, -99$
  - d)  $-88, -87$

13. Arrange in A.O and D.O
- a)  $-3, 4, 9, 6, 0$
  - b)  $42, 32, 82, 92, -14$
14. Say true or false
- a)  $-6$  lies to the right of  $0$  on the number line.
  - b)  $-101$  lies to the left of  $100$  on the number line.
15. If  $4 \times (-3) = -12$  then  $3 \times (-4)$  is \_\_\_\_\_
16. Multiply
- a)  $2 \times 3 \times (-6)$
  - b)  $9 \times 10 \times (-4)$
  - c)  $-1 \times 2 \times (-3)$
17. In a quiz  $+2$  marks are awarded for correct answer and  $-1$  marks for wrong answer
- a) If Mohan gives 4 correct answers and 2 wrong answers, find his score.
  - b) Ranjani gives 6 correct answers and 4 wrong answers, find her score.
  - c) Antony gives 3 correct answers and 3 wrong answers, find his score.
  - d) Abdullah gives 4 correct answers and no wrong answers, find his score.
18. Draw a number line and represent the integers
- a) A fish swims  $10\text{m}$  deep in the sea.
  - b) A bird flies  $5\text{m}$  above the sea.
  - c) A boat sails on the sea.