

UNIT TWO

Whole numbers

I. Answer the following questions as true or false

1. One is the smallest whole number.
2. The smallest 5-digit number is the predecessor of the largest 4-digit number.
3. Zero is less than every natural number.
4. There is a largest whole number.
5. Every natural number is a whole number, but 0 is a whole number which is also a natural number.
6. Counting numbers are called natural numbers.
7. Whole numbers are nothing but natural numbers.
8. 0, 1, 2, 3, 4, 5, 6, 7, 8, ... are known as natural numbers.
9. Zero is the smallest whole number.
10. 9999 is the highest whole number.

11. Natural number is subset of whole number.
12. There is a whole number which when added to another whole number, gives that number.
13. . If A, B, C are three whole numbers then $(A + B) + C = A + (C + B)$.
14. If A and B are two whole numbers such that $A > B$ or $A = B$ then $A - B$ is a whole number
15. . If A and B are two whole numbers then $A - B$ is equal to $B - A$.
16. $(A - B) - C = A - (B - C)$.
17. $435 \times 145 = 435 \times (5 + 40 + 100)$.
18. Natural number is subset of whole number.
19. The smallest 5-digit number is the predecessor of the largest 4-digit number
20. The subtraction of whole numbers is always whole number.

II. Choose the correct Answer the following questions

1. The whole number which does not have predecessor is _____.
a) 99 b) 1 c) 0 d) 9
2. What least number must be subtracted from 13605 to get a number exactly divisible by 85?
a) 5 b) 15 c) 12 d) 9
3. What is the largest 4-digit whole number that is divisible by 25?
a) 1000 b) 9975 c) 9985 d) 9995
4. place value of 8 in 486732 is _____.
a) 80000 b) 8000 c) 800 d) 8
5. Place value of 0 in 350672 is _____.
a) 10 b) 0 c) 100 d) 1000

6. $25 + 75 = 75 + 25$ is an example of
- a) Associative Property b) Commutative Property
c) Closure Property d) Distributive Property
7. $24(4 + 5) = (24 \times 4) + (24 \times 5)$ is an example of
- a) Associative Property b) Commutative Property
c) Closure Property d) Distributive Property
8. The least natural number is ____.
- a) 0 b) 1 c) 9 d) 10
9. The natural Predecessor number of 1 is ____.
- a) 0 b) 10 c) 2 d) Does not exist
10. Additive identity element of 25 is ____.
- a) -25 b) 0 c) 1 d) None of these
11. Multiplicative identity is ____.
- a) 1 b) 0
c) Both A & B d) None of these
12. Which of the following property is not applicable to addition of whole numbers.
- a) Closure Property b) Commutative Property
c) Associative Property d) None of these
13. $565 \times 183 - 565 \times 83 =$ ____.
- a) 5650 b) 56500 c) 565 d) None of these
14. $725 \times 85 + 725 \times 15 =$ ____.
- a) 725 b) 7250 c) 72500 d) None of these
15. If A and B two whole numbers, then commutative law is applicable to subtraction if and only if
- a) $A = B$ b) $A > B$ c) $A < B$ d) None of these