

Class 07 Chapter Integer Practice paper - 4

1. The sum of two integers is -112. If one of them is -109 the other is

- a) -121 b) -3 c) 3 d) none of these

2. -11,-8, -5, -2..... The next number in the series is

- a) -1 b) 0 c) 1 d) -4

3. $0 \div (2+8) =$

- a) 0 b) 10 c) -10 d) 6

4. An integer when divided by -3 gives quotient 35 and leaves remainder 2. The integer is

- a) 32 b) 31 c) -34 d) -103

5. $(-12) \times 8 \times 5 - 2 \times 30 \times 12$

- a) 1824 b) -1200 c) -164 d) 200

6. The product of two integers is 4 less than 49. If one of the integers is -9 the other integer is

- a) 43 b) 40 c) -44 d) -5

7. A person gains Rs 2 on product x and loses Rs 3 on product y. If he sells 8 items of x and 5 items of y his profit or loss is

- a) Profit of Re 1 b) Loss of Re 1 c) -2 d) neither profit nor loss

8. The average of the scores -38, 13, -32, 8 and -16 is

- a) -65 b) 5 c) -13 d) 21

9. Which pair of numbers does not have a product equal to 36

- a) {-4,-9} b) {-3,-12} c) {1/2,-72} d) {1,36}

10. What is the value of the expression $\{(-10) \div 2\} \times (-4)$?

- a) 20 b) 2 c) -9 d) -12

11. How much is -8 less than -3 ?

- a) 5 b) -5 c) 11 d) -11

12. If the expression $[(-43) \times 109]$ can also be written as $[a + (-387)]$, what is the value of 'a'?

- a) -4687 b) -4300 c) -3586 d) -3200
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13. Difference between 43°C and -17°C is

- a) -26°C b) -60°C c) 60°C d) 26°C

14. An insect crawls up 5cm every second on a 60cm vertical rod and then falls down 2cm over the next second. How many seconds will it take to climb the rod?

- a) 20 b) 40 c) 60 d) 30

15. A tanker contains 500 litres of water. Due to a small hole in the tanker, the quantity of water is decreasing at the rate of 9 litres every hour. What will be the quantity of water in litres in the tank after 10 hours?

- a) 410 b) 491 c) 400 d) 90

16. Predecessor of successor of -21 is

- a) -20 b) -19 c) -22 d) -21

17. The value of $[(-4) \times (-9) \times (-25)] \div [(-2) \times (-3) \times (-5)]$ is

- a) 10 b) 20 c) 30 d) 40

18. A gardener plans to plant 630 trees in 21 rows each containing the same number of trees, then how many trees will be there in each row?

- a) 300 b) 30 c) 21 d) 3

19. A place is 45 metre above sea level and another place is 25 meter below sea level. What is the difference of level in metres between the two places?

- a) 70 b) 20 c) 60 d) -20

20. The difference of sum of even numbers and sum of odd numbers between 10 and 20 is

- (a) 3 b) 6 c) 15 d) 4

ANSWER KEY: (INTEGERS)

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|------|------|------|-------|------|------|------|
| 1)b | 2)c | 3)a | 4)d | 5)b | 6) d | 7) a |
| 8) c | 9) c | 10)a | 11)a | 12)b | 13)c | 14)b |
| 15)a | 16)d | 17)c | 18) b | 19)a | 20)c | |