

RD Sharma
Solutions

Class 7

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OBJECTIVE TYPE QUESTIONS

ch-1

Mark the correct alternative in each of the following:

1. $(-1) \times (-1) \times (-1) \times (-1) \times \dots \dots 500 \text{ times} =$
 (a) -1 (b) 1 (c) 500 (d) -500
2. $(-1) + (-1) + (-1) + (-1) + \dots \dots 500 \text{ times} =$
 (a) 500 (b) 1 (c) -1 (d) -500
3. The additive inverse of -7 is
 (a) -7 (b) $-\frac{1}{7}$ (c) 7 (d) $\frac{1}{7}$
4. The modulus of an integer x is 9 , then
 (a) $x = 9$ only (b) $x = -9$ only (c) $x = \pm 9$ (d) None of these
5. By how much does 5 exceed -4 ?
 (a) 1 (b) -1 (c) 9 (d) -9
6. By how much less than -3 is -7 ?
 (a) 4 (b) -4 (c) 10 (d) -10
7. The sum of two integers is 24 . If one of them is -19 , then the other is
 (a) 43 (b) -43 (c) 5 (d) -5
8. What must be subtracted from -6 to obtain -14 ?
 (a) 8 (b) -20 (c) -20 (d) -8
9. What should be divided by 6 to get -18 ?
 (a) -3 (b) 3 (c) -108 (d) 108
10. Which of the following is correct?
 (a) $-12 > -9$ (b) $-12 < -9$ (c) $(-12) + 9 > 0$ (d) $(-12) \times 9 > 0$
11. The sum of two integers is -8 . If one of the integers is 12 , then the other is
 (a) 20 (b) 4 (c) -4 (d) -20
12. On subtracting -14 from -18 , we get
 (a) 4 (b) -4 (c) -32 (d) 32
13. $(-35) \times 2 + (-35) \times 8 =$
 (a) -350 (b) -70 (c) -280 (d) 350
14. If $x + 29 = 0$, then $x =$
 (a) 29 (b) -29 (c) 0 (d) None of these

15. If $x = (-10) + (-10) + \dots$ 15 times and $y = (-2) \times (-2) \times (-2) \times (-2) \times (-2)$, then $x - y =$
 (a) 118 (b) -118 (c) -182 (d) 182
16. If $a = (-1) \times (-1) \times (-1) \dots$ 100 times and $b = (-1) \times (-1) \times (-1) \dots$ 95 times, then $a + b =$
 (a) -1 (b) -2 (c) 0 (d) 1
17. $|3 - 12| - 4 =$
 (a) -5 (b) 5 (c) 7 (d) -7
18. If the difference of an integer a and (-9) is 5, then
 (a) 4 (b) 5 (c) -4 (d) -9
19. The sum of two integers is 10. If one of them is negative, then other has to be
 (a) negative (b) positive
 (c) may be positive or negative (d) None of these
20. If $x = (-1) \times (-1) \times (-1) \times (-1) \times \dots$ 25 times, $y = (-3) \times (-3) \times (-3)$, then $xy =$
 (a) -27 (b) 27 (c) 26 (d) -26

ANSWERS

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