Integers-Test-01

Total Marks:30

Total Questions: 15   **Time:45 Min**

Note: All question of 2 marks each. Attempt all the questions.

Q.1: The product of four integers is −432. If three of these integers are −2, −3, and 8, then what is the sum of smallest and greatest of these integers?
(A)−3
(B)−1
(C)5
(D)7

Q.2: What is the product of the smallest positive integer and the greatest negative integer?
(A) Smallest positive integer
(B)Greatest negative integer
(C)Successor of the smallest positive integer
(D)Predecessor of the greatest negative integer

Q.3: What is the product of all integers between −5 and 5?
(A)−14400
(B)0
(C)576
(D)14400

Q.4: What is the value of expression $4-\left[3\{2-(3+5)\}-5\right]+10(2-4)$?

(A)15
(B)7
(C)-5
(D)-20

Q.5: What is the value of (−1) × (−3) × 2 × 5 × (−4) × (−8)?
(A) - 960
(B) - 240
(C)240
(D)960

Q.6: If 21 × (−36) + A × 46 = 21 × (−36 + 46), then what is the value of *A*?
 (A) 36
(B) 21
(C)-21
(D)46

Q.7: What is the value of expression $(-1)^3 \times (-1)^{2n} \times (-1)^{2n+1}$, where *n* is a natural number?
(A)-1
(B) 0
(C)1
(D)2

Q.8: What is the value of the expression [(−3) × (−9) × (−32) × 15] ÷ [12 × (−10) × (−6)]?
(A)-18

(B) -12
(C)12
(D)18
Q.9: If $(-16) \times 38 + 16 \times 58 = (-16) \times (38 - x)$, then what is the value of x?
(A)58
(B) 32
(C)- 32
(D)- 58
Q.10: What is the value of the expression $(-3) \times 6 + (-2) \times 0 \times (-11) + 16 \times (-1) + 3 \times (-4) \times (-2)$?
(A)12
(B) 10
(C)- 10
(D)- 12
Q.11: What is the value of the expression $(-2) \times (-1) \times 2 \times (-1) \times 3 \times (-1) \times (-3) \times 1 \times (-2)$?
(A)72
(B) 36
(C)- 36
(D)- 72
Q.12: What is the value of the expression $(-18) \times (-16) + 56 \times (-18)$?
(A)-720
(B) -608
(C)608
(D)720
Q.13: Which of the following products does not equal 24?
(A)$-1 \times (-24)$
(B) $3 \times (-8)$
(C) $2 \times (-4) \times (-3)$
(D)$-2 \times (-1) \times (-2) \times (-6)$
Q.14: what is the value of the expression $(6 - 0) \times (6 - 1) \times (6 - 2) \times (6 - 3) \times (6 - 4) \times (6 - 5) \times (6 - 6)$?
(A)0
(B) 1
(C)120
(D)720
Q.15: If $21 \times (-46) + B \times 46 = 21 \times (-36 + 36)$, then what is the value of B?
(A)21
(B) -46
(C)-21
(D)46

Answer:

1. *B*
2. *B*
3. *B*
4. *B*
5. *D*
6. *B*
7. *C*
8. *D*
9. A
10. C
11. A
12. A
13. B
14. A
15. A

For any further query:
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