

# Appendix

# Appendix

## Test

### INTEGERS TEST

Name-

Class-

Instructions:

- 1) All questions are compulsory.
- 2) Tick any one option out of four.

Q1. On number line, when we add a positive integer, we

- (a) Move to the right
- (b) Move to the left
- (c) Do not move at all
- (d) None of these

Q2. On a number line, when we add a negative integer, we

- (a) Move to the right
- (b) Move to the left
- (c) Do not move at all
- (d) None of these

Q3. The sum of two integers is -112. If one of these is -109, the other is

- (a) -121
- (b) -3
- (c) 3
- (d) None of these

Q4. 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 rs.1
- (b) Loss of rs.1

(c) Profit of rs.2

(d) Neither profit nor loss

Q5. How much is -8 less than -3?

(a) 5

(b) -5

(c) 11

(d) -11

Q6. An insect crawls up 5 cm every second on a 60 cm nautical rod and then falls down 2 cm ones the next second. How many seconds will it take to climb the rod?

(a) 20

(b) 40

(c) 60

(d) 30

Q7. Predecessor of successor of -21 is

(a) -20

(b) -19

(c) -22

(d) -21

Q8.  $16 \times 10 + 2$  is equal to

(a) 162

(b) 192

(c) 52

(d) 320

Q9.  $(-6) + 3 + 2 + (-1)$

(a) -2

(b) -2

(c) 0

(d) 1

Q10.  $(-8) + 8 + 0 + (-5)$

- (a) -3
- (b) 2
- (c) -5
- (d) 5

Q11.  $4 - (-9)$

- (a) 13
- (b) -5
- (c) 12
- (d) 23

Q12. Absolute value of - 11 is

- (a) 11
- (b) 10
- (c) -10
- (d) 0

Q13. A place is 45 metre above sea level and another place is 25 metre below sea level. What is the difference of level in metres between the two places?

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

Q14.  $8 + (-7) - (-4)$

- (a) 3
- (b) 5
- (c) -5
- (d) 4

Q15. 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

Q16. Difference between  $43^\circ$  and  $-17^\circ$  is

(a)  $-26^\circ\text{C}$

(b)  $-60^\circ\text{C}$

(c)  $60^\circ\text{C}$

(d)  $26^\circ\text{C}$

Q17. Manish deposits rs.2000 in his bank account and withdraws rs.1000 from it, the next day. Find the balance in Manish's account after the withdrawal.

(a) Rs.2000

(b) Rs.3000

(c) Rs.1000

(d) None of these

Q18. -11, -8, -5, -2 next number in the series is

(a) -4

(b) -1

(c) 0

(d) 1

Q19. When two positive integers are added, we get

(a) A positive integer

(b) A negative integer

(c) Sometimes a positive integer, sometimes a negative integer

(d) None of these

Q20. Which of the following statements is wrong?

(a) When a positive integer and a negative integer are added, we always get a negative integer

(b) Additive inverse of  $(-8)$  is 8

(c) Additive inverse of 8 is -8

(d) For subtraction, we add the additive inverse of the integer that is being subtracted to the other integer.

Q21. The value of  $6 - (-3)$  is

- (a) 3
- (b) -9
- (c) -3
- (d) 9

Q22. In addition and subtraction of two integers, sign of the answer depends upon

- (a) Smaller number
- (b) Their difference
- (c) Their sum
- (d) Greater numerical value

Q23. Sum of  $-36$  and  $29$  is

- (a) -65
- (b) 65
- (c) -7
- (d) 7

Q24. Choose appropriate number for blank:  $-7 - ( \quad ) = 2$

- (a) 5
- (b) -5
- (c) 9
- (d) -9

Q25. What integers or number should be added to  $-5$  to get  $4$

- (a) 1
- (b) -1
- (c) 9
- (d) -9

Q26. Which of the following statement is false:

- (a)  $-7 + (-6) = -13$
- (b)  $-5 + 1 = 4$
- (c)  $2 + (-1) = 1$
- (d)  $8 + (-9) = -1$

Q27. The pair of integers whose sum is  $-5$

- (a)  $1, -4$
- (b)  $-1, 6$
- (c)  $-3, -2$
- (d)  $5, 0$

Q28. What will be the additive inverse of  $-5$ ?

- (a)  $5$
- (b)  $0$
- (c)  $1$
- (d)  $-5$

Q29. What will be the additive inverse of  $7$ ?

- (a)  $-9$
- (b)  $9$
- (c)  $0$
- (d)  $-7$

Q30. Predecessor of  $-9$  is

- (a)  $-8$
- (b)  $-10$
- (c)  $10$
- (d)  $0$