

VII - Mathematics - Test of Integers - M.C.Q Type

M.M = 50

Choose the correct answer from the multiple answers

InstructionsMax Marks=50; Max Time = 90 min

1. In all there are 25 questions.
2. Each question carries two marks.
3. There is no negative marking
4. Ticking more than one answer gives you zero in that question.

(Q1) Integers are a huge collection of numbers formed by

- (i) Natural numbers and their negatives
- (ii) Whole numbers and their negatives
- (iii) Fraction and their negatives
- (iv) none of these

(Q2) The number zero is an integer. The sign of this number is

- (i) Positive
- (ii) Negative
- (iii) does not have any sign
- (iv) none of these

Cont Pg-2

- (Q3) For any two integers 'a' and 'b' if  $a > b$  then the relation between ' $-a$ ' and ' $-b$ ' is  
 (i) Greater (ii) Lesser (iii) Equal (iv) Zero
- (Q4) The largest of 7 consecutive integers is  $-3$   
 The smallest integer is  
 (i) 3 (ii) 0 (iii)  $-9$  (iv)  $-6$
- (Q5) Think of a number line. Where would you reach after a shift of  $-12$ , if you start at  $6$ ?  
 (i) 6 (ii)  $-6$  (iii) 18 (iv)  $-18$
- (Q6) The ascending order of the numbers  $-3, 0, 15, -7, 10$  is  
 (i)  $0, -3, -7, 10, 15$  (ii)  $0, -7, 10, 15, -3$   
 (iii)  $-7, -3, 0, 10, 15$  (iv)  $15, 10, 0, -3, -7$
- (Q7) The absolute value of  $(-x+7)$  if  $x > 8$  is  
 (i) Positive (ii) Negative (iii) Zero (iv) none of these
- (Q8) If  $-2 < x < -4$ , the value of  $|x-1| - |x-2| + |x-3| - |x-4|$  is  
 (i) -2 (ii) 22 (iii) +2 (iv) 0

(Q9) For any two integers 'a' & 'b'  
if  $a * b = |7a + 2b - 5|$ , the value of  
 $(-2) * (-3)$  is

- (i) 5 (ii) -5 (iii) -25 (iv) 25

(Q10) If  $|x| = 10$  and  $x$  is an integer, the possible values of  $x$

- (i) +10 (ii) -10 (iii)  $\pm 10$  (iv)  $\sqrt{10}$

(Q11) At 5.00 a.m., the temperature was  $-7^{\circ}\text{C}$ . It rose by  $10^{\circ}\text{C}$  after a period of three hours and remain constant for 3 hours. What will be the temperature at 10.30 a.m.

- (i)  $17^{\circ}\text{C}$  (ii)  $3^{\circ}\text{C}$  (iii)  $-3^{\circ}\text{C}$  (iv)  $6^{\circ}\text{C}$

(Q12) Add the successor of  $(-99)$  and predecessor of  $99$ , the result is

- (i) 198 (ii) -198 (iii) 0 (iv) 100

(Q13) If  $(-11)$  is subtracted from a number, the result is  $(-26)$ , the number is

- (i) 37 (ii)  $(-37)$  (iii) 15 (iv)  $(-15)$

Cont Pg-4

(Q14) In a class test containing 10 questions, 4 marks for every correct answer (-2) for every incorrect answer and (0) for not attempting the question. A child attempted 9 questions out of which 6 are correct and 3 are incorrect. His score is

- (i) 36 (ii) 18 (iii) 0 (iv) 24

(Q15) A shopkeeper earns a profit of Re 4 by selling one pen and a loss of 40 Paise by selling one pencil. If he sold 10 pens and few pencils, still he earns a profit of Rs 34. The no. of pencils sold are

- (i) 12 (ii) 13 (iii) 14 (iv) 15

(Q16) Simplify,  $32 - 8 \div 4 \times 3$ , the answer is

- (i) 18 (ii) 2 (iii) 26 (iv) 90

(Q17) Simplify,  $75 \times (-1595) + 75 \times (-5)$ , the ans. is

- (i) 1,20,000 (ii) -1,20,000 (iii) 120600 (iv) -120600

(Q18) Simplify,  $501 \times (-1) + 0 \div (-1)$  is

- (i) 501 (ii) -501 (iii) 0 (iv) 502

Cont-Pg-5

- (Q19) The product of  $510 \times (-1)$  is  
 (i) natural no. (ii) whole no. (iii) Integer (iv) Fraction
- (Q20) The smallest negative integer is  
 (i) 0 (ii) -1 (iii) 1 (iv) none of these
- (Q21) The additive inverse of 10 is  
 (i) -10 (ii)  $| -10 |$  (iii) 10 (iv)  $| 10 |$
- (Q22) Arun got 10 marks more and Anil got 15 marks less than the marks required to pass. The difference of marks between them is  
 (i) 25 (ii) 5 (iii) -5 (iv) -25
- (Q23) An elevator descends into a mine shaft at the rate of 6m/min. If the descent starts from 10m above the ground level, how long will it take to reach  $(-350\text{ m})$   
 (i) 60 min (ii) 50 min (iii) 40 min (iv) 35 min
- (Q24)  $(-57) \div (-57)$ , the result is  
 (i) 1 (ii) -1 (iii) 0 (iv) 114
- (Q25) If  $x * y = n - (y \times n) - y$ , the value of  $(-3) * (-5)$  is  
 (i) -13 (ii) +13 (iii) 17 (iv) -23