Q1. If 'x' means '-',' –' means '÷', '+' means 'x' and '÷' means '+', then what will be the value of the following expression? 16 x 8 ÷ 4-3 + 9 =?

(a) 10 (b) 19 (c) 20 (d) 9

Q2. If '+' stands for multiplication, 'x' stands for division, '-' stands for addition and '+' stands for subtraction, what is the answer for the following equation? If L = +, M = – , N = x, P = ÷, then 5 N 5 P 5 L 5 M 5 =?

(a) 0 (b) 5 (c) 10 (d) 15

Q3. If '+' stands for multiplication, 'x' stands for division, '-' stands for addition and '+' stands for subtraction, what is the answer for the following equation? 20 – 5 + 18 x (3 + 2) =?

(a) 20 (b) 18 (c) 108 (d) 22

Q4. If '+' stands for 'division', '—' stands for equal to, 'x' stands for 'addition', '÷' stands for 'greater than', '=' stands for less than, '>' stands for 'multiplication', and '<' stands for 'subtraction', then which of the following alternatives is correct?

(a) 5 + 2 x 1 = 3 + 4 > 1 (b) 5 > 2 x 1- 3 > 4 < 1

(c) 5 x 2 < 1 – 3 < 4 x 1 (d) 5 < 2 x 1 ÷ 3 > 4 x 1

Q5. If '+'stands for division, '÷' stands for multiplication, 'x' stands for subtraction and '-' stands for addition, which one of the following is correct?

(a) 18 ÷ 6 – 7 + 5 x 2 = 20 (b) 18 + 6 ÷ 7 x 5 – 2 = 18

(c) 18 x 6 + 7 ÷ 5 -2 = 16 (d) 18 ÷ 6 x 7 + 5 -2 = 22

Q6. Which alternative Cleary indicates the rule followed in the following set of numbers?

7 4 8 2 = 24

(a) -, x, x (b) x, +,÷ (c) x, -, ÷ (d) x, ÷,-

Q7. Select the correct combination of Mathematical signs to replace * signs and to balance the given equation 1 * 6 * 6 * 2 * 20

(a) + ÷ = ÷ (b) + – = ÷ (c) + – = ÷ (d) – + = ÷

Q8. The following equation becomes mathematically correct when you interchange either the sign or the Numbers as indicated in the question. Find the correct alternative. Given equation;

(16-4) x 6 ÷ 2 + 8 = 30

(a) 4 and 2 (b) ÷ and – (c) 16 and 6 (d) – and +

Q9. If 'x' stands for '+' and '÷' for '-'find the value of the following equation.

39 x 23 ÷ 21 x 5

(a) 46 (b) 36 (c) 62 (d) 89

Q10. If '—' stands for division, '÷'stands for multiplication, '+' stands for subtraction and 'x' for addition, then which of the following equation is correct?

(a) 20 + 8-7 ÷ 6 x 4 = 25 (b) 20 – 5 ÷ 4 + 6 x 5 = 15

(c) 20 x 5- 6 ÷ 7 + 4 = 28 (d) 20 ÷ 4 – 8 x 10 + 6 = 36

Q11. If '÷' stands for 'greater than', 'x' Stands for 'addition', '+' stands for 'division','-' stands for 'equal to', '>' stands for 'multiplication'. Equal to stands for 'less than', '<' stands for 'minus', then which of the following alternatives is correct

(a) 3 x 2 < 4 ÷ 6 + 3 < 2 (b) 3 + 2 < 4 ÷ 6 > 3 x 2

(c) 3 > 2 < 4- 6 x 3 x 2 (d) 3 x 2 x 4 = 6 + 3 < 2

Q12. In an imaginary mathematical operation '+' means multiplication, 'x' means subtraction, '÷' means addition and '-' means division. All other rules in mathematical operation are the same as in the existing system. Which one of the following gives the result of 175 – 25 ÷ 5 + 20 x 3 + 10?

(a) 160 (b) 2370 (c) 77 (d) 240

Q13. Blood Relations

P x Q means P is the mother of Q

P + Q means P is the father of Q

P – Q means P is the son of Q

Which of the following means A is the Grandson of D?

(a) A x C+D (b) A +B+D (c)D+B+A (d) A-B-D

Q14. IF '+' stands for '-' , '-' stands for 'x', 'x' stands for '÷'and '÷'stands for '+'then what is the value of 56×7÷13-11+15-8÷2-7?

(a)30 (b) 45 (c) 60 (d) 90

Q15. After interchanging – and + , 6 and 7, which of the following equations becomes correct?

(a) 40 + 6 × 13 – 7 × 2 = 104 (b) 35 – 7 × 3 + 6 = 45

(c) 6 × 14 + 36 ÷ 7 – 2 = 92 (d) 38 – 6 × 13 + 66 ÷ 7 = 118

Q16. If '#' denotes '-', @ denotes '×', '$' denotes '+' and '%' denotes '÷', then

20 $ 15 # 10 @ 45 % 15

(a) 12 (b) 5 (c) 3 (d) 16

Q17. If '+' means 'divided by '-' means 'add', 'x' means 'minus' and '/' means 'multiplied by' then what will be the value of the following expression?
[{(17 x 12) – (4/ 2)} + (23 -6)]/0

(a) infinite (b) 0 (c) 478 (d) 219

Q18. If Q means 'add to', J means 'multiply by', T means 'subtract from' and K means 'divide by', then 30 K 2 Q 3 J 6 T 5 =?

(a) 22 (b) 28 (c) 47 (d) 48

Q19. If 'when' means 'x', 'you' means '÷' 'come' means '-' and 'will' means '+', then what will be the value of ("8 when 12 will 16 you 2 come 10") = ?

(a) 45 (b) 94 (c) 96 (d) 112 (e) None of these

Q20. If → stands for 'addition', ← stands for 'subtraction', ↑ stands for 'division', ↓ stands for 'multiplication', = stands for 'equal to', then which of the following alternatives is correct?

(a) 7 ← 43 ↑ 6 ↓ 1 = 4 (b) 3 ↓ 6 ↑ 2 → 3 ← 6 = 5
(c) 5 → 7 ← 3 ↑ 2 = 4 (d) 2 ↓ 5 ← 6 → 2 = 6

Answer key

1	C	5	B	9	A	13	D	17	B
2	B	6	C	10	B	14	B	18	D
3	D	7	B	11	A	15	D	19	B
4	B	8	B	12	C	16	B	20	D

Reference :

-Freshernow.com
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