



SYMBOLS

PREVIOUS YEAR QUESTIONS

Q1.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

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

$$175 - 25 \div 5 + 20 \times 3 + 10?$$

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

Q2.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

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

- (a) $6 \div 20 \times 12 + 7 - 1 = 70$
- (b) $6 + 20 - 12 \div 7 \times 1 = 62$
- (c) $6 - 20 \div 12 \times 7 + 1 = 57$
- (d) $6 + 20 - 12 \div 7 - 1 = 38$

Q3.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '+' means '-', '-' means 'x' and 'x' means '÷' and '÷' means '+' then $2 \div 6 \times 6 \div 2 = ?$

- (a) 1
- (b) 0
- (c) 10
- (d) 5

Q4.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '+' stands for Multiplication, 'x' stands for Division, '-' stands for Addition and '÷' stands for Subtraction, what would the following equation stand for?

$$20 - 8 \times 4 \div 3 + 2 = ?$$

- (a) 41
- (b) 19
- (c) 16
- (d) 18

Q5.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If 'x' means '-', '-' means '÷', '+' means 'x', and ÷ means '+' then what will be the value of the following expression ?

$$16 \times 8 \div 4 - 3 + 9 = ?$$

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

Q6.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '+' means 'minus', '-' means 'multiplication', '÷' means 'plus', and 'x' means 'division'

$$15 - 3 + 10 \times 5 \div 5 = ?$$

- (a) 52
- (b) 48
- (c) 22
- (d) 5

Q7.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

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

- (a) $20 + 8 - 7 \div 6 \times 4 = 25$
- (b) $20 - 5 \div 4 + 6 \times 5 = 15$
- (c) $20 \times 5 - 6 \div 7 + 4 = 28$
- (d) $20 \div 4 - 8 \times 10 + 6 = 36$

Q8.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

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

$$39 \times 23 \div 21 \times 5$$

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

Q9.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

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

- (a) $18 \div 6 - 7 + 5 \times 2 = 20$
- (b) $18 + 6 \div 7 \times 5 - 2 = 18$
- (c) $18 \times 6 + 7 \div 5 - 2 = 16$



(d) $18 \div 6 \times 7 + 5 - 2 = 22$

Q10.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If + stands for 'division', \times stands for 'addition', - stands for 'multiplication' and \div stands for 'subtraction', then which of the following equations is correct ?

(a) $36 \times 6 + 7 \div 2 - 6 = 20$

(b) $36 + 6 - 3 \times 5 \div 3 = 24$

(c) $36 \div 6 + 3 \times 5 - 3 = 45$

(d) $36 - 6 + 3 \times 5 \div 3 = 74$

Q11.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If + means 'minus', '-' means 'multiplied by', \div means 'plus' and \times means 'divided by', then $10 \times 5 \div 3 - 2 + 3 = ?$

(a) 5

(b) 21

(c) $53/3$

(d) 18

Q12.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

In the following question you have to identify the correct response from the given premises stated according to following symbols. If '+' means ' \div ', '-' means ' \times ', ' \div ' means '+' and \times means '-', then

$63 \times 24 + 8 \div 4 + 2 - 3 = ?$

(a) 54

(b) 66

(c) 186

(d) 48

Q13.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

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:

$(16 - 4) \times 6 \div 2 + 8 = 30$

(a) 4 and 2

(b) \div and -

(c) 16 and 6

(d) - and +

Q14.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '-' stands for division, '+' stands for subtraction, ' \div ' stands for multiplication, ' \times ' stands for addition, then which one of the following equations is correct?

(a) $70 - 2 + 4 \div 5 \times 6 = 44$

(b) $70 - 2 + 4 \div 5 \times 6 = 21$

(c) $70 - 2 + 4 \div 5 \times 6 = 341$

(d) $70 - 2 + 4 \div 5 \times 6 = 36$

Q15.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If - stands for division, + for multiplication, \div for subtraction and \times for addition, then which one of the following equations is correct ?

(a) $19 + 5 - 4 \times 2 \div 4 = 11$

(b) $19 \times 5 - 4 \div 2 + 4 = 16$

(c) $19 \div 5 + 4 - 2 \times 4 = 13$

(d) $19 \div 5 + 4 + 2 \div 4 = 20$

Q16.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '-' stands for ' \div ', '+' stands for ' \times ', ' \div ' for '-' and ' \times ' for '+', which one of the following equations is correct?

(a) $30 - 6 + 5 \times 4 \div 2 = 27$

(b) $30 + 6 - 5 \div 4 \times 2 = 30$

(c) $30 \times 6 \div 5 - 4 + 2 = 32$

(d) $30 \div 6 \times 5 + 4 - 2 = 40$

Q17.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If 'x' means 'addition' '-' means 'division', ' \div ' means 'subtraction' and '+' means 'multiplication', then which of the following equations is correct ?

(a) $16 + 5 - 10 \times 4 \div 3 = 9$

(b) $16 - 5 \times 10 \div 4 + 3 = 12$

(c) $16 + 5 \div 10 \times 4 - 3 = 9$

(d) $16 \times 5 \div 10 \div 4 - 3 = 19$

Q18.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '-' stands for division, '+' for multiplication, ' \div ' for subtraction and ' \times ' for addition, which one of the following equations is correct?

(a) $24 \div 8 - 4 + 2 \times 3 = 16$

(b) $24 - 8 + 4 \times 2 \div 3 = 12$

(c) $24 \times 8 - 4 \div 2 + 3 = 17$

(d) $24 + 8 - 4 \times 2 \div 3 = 47$

Q19.



Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If \div means plus, \times means subtraction, then

$(15 \times 9) \div (12 \times 4) \times (4 \div 4)$ is equal to :

- (a) 96
- (b) 6
- (c) $3/128$
- (d) $143/4$

Q20.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If + means -, - means \times , \div means +, \times means \div , find the value of

$15 \times 3 \div 4 - 6 + 7?$

- (a) 22
- (b) 25
- (c) 9
- (d) $175/3$

Q21.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If \times stands for -, \div stands for +, + stands for \times , find the value of following equation:

$(16 \times 5) \div 5 + 3 = ?$

- (a) 62
- (b) 10
- (c) 2
- (d) 26

Q22.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If ' \div ' stands for addition, ' $-$ ' stands for multiplication, ' \times ' stands for subtraction and ' $+$ ' stands for division, which of the responses does not hold good?

- (a) $10 \times 4 = 06$
- (b) $10 - 4 = 40$
- (c) $10 + 5 = 50$
- (d) $10 - 5 = 15$

Q23.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If ' \times ' stands for '+', ' \div ' stands for '-', ' $-$ ' stands for ' \times ' and ' $+$ ' for ' \div ', find the value of the following equation :

$54 \div 16 - 3 \times 6 + 2 = ?$

- (a) 9
- (b) 12
- (c) 8
- (d) 15

Q24.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '+' stands for 'subtraction' and ' \div ' stands for 'addition' and ' $-$ ' stands for 'multiplication' and ' \times ' stands for division, then which of the following equations is correct?

- (a) $56 + 12 \times 34 - 12 = 102$
- (b) $8 \div 44 - 5 + 25 = 203$
- (c) $112 \times 44 - 12 + 10 = 46$
- (d) $9 \div 64 - 2 \times 6 = 54$

Q25.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If ' $-$ ' stands for division, '+' stands for multiplication, ' \div ' stands for subtraction and ' \times ' stands for addition, then which one of the equation is correct?

- (a) $30 + 5 - 12 \div 8 \times 12 = 70$
- (b) $30 - 5 + 12 \div 8 \times 12 = 76$
- (c) $30 \times 5 - 12 + 8 \div 12 = 60$
- (d) $30 \div 5 \times 12 + 8 - 12 = 24$

Q26.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If ' \times ' stands for multiplication, ' \div ' stands for division, ' $-$ ' stands for addition and ' \div ' stands for subtraction, what is the answer for the following equation?

$20 - 5 \div 18 \times (3 + 2) = ?$

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

Q27.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If ' \times ' stands for minus, '+' stands for multiplication, ' $-$ ' stands for plus, then which one of the following is correct?

$6 + (3 \times 1) + 5 = ?$

- (a) 58
- (b) 64
- (c) 60
- (d) 12

Q28.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '+' means ' \div ', ' \div ' means '-', ' $-$ ' means ' \times ', ' \times ' means '+', then

$12 + 6 \div 3 - 2 \times 8 = ?$



- (a) - 2
(b) 4
(c) 2
(d) 8

Q29.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '+' stands for '×', '-' for '÷', '×' for '-' and '÷' for '+', then find the value of the following equation

$$26 + 74 - 4 \times 5 \div 2 = ?$$

- (a) 220
(b) 376
(c) 478
(d) 488

Q30.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '+' stands for subtraction, '÷' stands for addition, '-' stands for multiplication and '×' stands for division, then which one of the following equations is correct?

- (a) $46 - 10 + 10 \times 5 = 92$
(b) $265 + 11 - 2 \times 14 = 22$
(c) $66 \times 3 - 11 + 12 = 230$
(d) $2 - 14 \times 4 \div 11 = 16$

Q31.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '-' means addition, '+' means subtraction, '×' means division and '÷' means multiplication, then

$$7 - 10 \times 5 \div 6 + 4 = ?$$

- (a) 3
(b) 12
(c) 15
(d) 9

Q32.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '÷' means '×', '-' means '+', '×' means '-', '+' means '÷', then what will be the value of the following?.

$$20 + 4 \times 6 - 5 \div 7$$

- (a) 28
(b) 32
(c) 34
(d) 36

Q33.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '+' means ×, - means +, × means ÷ and '÷' means '-', then

$10 + 5 \times 10 \div 2 - 5$ has a value of

- (a) 35
(b) 45
(c) 30
(d) 8

Q34.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '+' stands for division, '÷' stands for multiplication, multiplication for addition; which one of the following equations is correct?

- (a) $10 \div 5 + 4 = 6$
(b) $10 - 4 + 2 = 6$
(c) $10 + 2 - 5 = 6$
(d) $10 + 2 \times 1 = 6$

Q35.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If + stands for '÷', '×' stands '+', '-' stands for '×', and '÷' stands for '-' then which of the following statements is correct ?

- (a) $36 \times 6 + 7 \div 2 - 6 = 20$
(b) $36 \div 6 + 3 \times 5 - 3 = 45$
(c) $36 + 6 - 3 \times 5 \div 3 = 24$
(d) $36 - 6 + 3 \times 5 \div 3 = 74$

Q36.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

Identify the correct response from the given premises stated according to following symbols.

If '-' stands for division, '+' stands for multiplication. '÷' stands for subtraction '×' stands for addition. Which one of the equations is correct?

- (a) $18 + 14 - 24 \times 12 \div 16 = 12$
(b) $16 \times 14 - 24 \div 18 + 12 = -24$
(c) $24 - 12 + 12 \div 16 \times 18 = 26$
(d) $18 \div 16 + 12 \times 18 + 12 = 24$

Q37.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '×' means '-', '-' means '×', '+' means '÷' and '÷' means '+', then $(15 - 10) \div (130 + 10) \times 50 = ?$

- (a) 1800
(b) 113
(c) 2000
(d) 123

Q38.



Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '+' means '÷', '-' means '×', '÷' means '+' and '×' means '-' then

$$36 \times 12 + 4 \div 6 + 2 - 3 = ?$$

- (a) 42
- (b) 18
- (c) 40
- (d) 2

Q39.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If - stands for ÷, + stands for ×, ÷ stands for - and × stands for + find out which one is correct.

- (a) $49 \times 7 + 3 \div 5 - 8 = 16$
- (b) $49 \div 7 \times 3 + 5 - 8 = 26$
- (c) $49 + 7 - 3 \times 5 \div 8 = 20$
- (d) $49 - 7 + 3 \div 5 \times 8 = 24$

Q40.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '+' means '×', '-' means '+', '×' means '+' and '÷' means '-' then

$$25 \times 5 - 3 \div 2 + 5 = ?$$

- (a) 20
- (b) 50
- (c) 30
- (d) 40

Q41.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '-' stands for addition, '+' for multiplication, '÷' for subtraction and '×' for division, which one of the following equation is wrong ?

- (a) $5 - 2 + 12 \times 6 \div 2 = 27$
- (b) $5 + 2 - 12 \div 6 \times 2 = 13$
- (c) $5 + 2 - 12 \times 6 \div 2 = 10$
- (d) $5 \div 2 + 12 \times 6 - 2 = 3$

Q42.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '×' stands for -, '+' means ×, '÷' means + and - means ÷, then what is the value of the given expression?

$$175 - 25 \div 5 + 20 \times 3 + 10 = ?$$

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

Q43.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '+' means '÷', '÷' means '-', '-' means '×', '×' means '+', then

$$8 + 2 \div 3 - 4 \times 6 = ?$$

- (a) - 12
- (b) - 2
- (c) - 10
- (d) - 15

Q44.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '÷' means '-', '-' means '×', '×' means '+' and '+' means '÷', then

$$20 \times 60 \div 40 - 20 + 10 = ?$$

- (a) 80
- (b) 60
- (c) 40
- (d) 0

Q45.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '+' means '÷', '×' means '+', '-' means '×' and '÷' means '-' then which of the following equations is correct ?

- (a) $36 \times 6 + 3 - 2 < 20$
- (b) $36 \times 6 + 3 \times 2 > 20$
- (c) $36 + 6 \times 3 + 2 = 20$
- (d) $36 + 6 - 3 \times 2 = 20$

Q46.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '-' stands for addition, '÷' for multiplication, × for subtraction, and + for division, then which of the following is correct ?

- (a) $25 - 15 + 5 \div 4 \times 16 = 21$
- (b) $25 + 11 - 4 \div 10 \times 6 = 20$
- (c) $25 \times 12 - 14 \div 4 + 6 = 16$
- (d) $25 - 12 + 14 \div 2 \times 4 = 15$

Q47.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

Which of the following interchange of signs would make the given equation correct ?

$$5 + 3 \times 8 - 12 \div 4 = 3$$

- (a) - and ÷
- (b) + and ×
- (c) + and ÷
- (d) + and -



Q48.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

Put the correct mathematical signs in the following equation from the given alternatives.

$$33 \text{ ? } 11 \text{ ? } 3 \text{ ? } 6 \text{ ? } = 115$$

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

Q49.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If 'x' means '+', ÷ means '-', + means '÷' and - means 'x' then what should be the value of the given equation?

$$14 \times 4 \div 70 + 10 - 2 = ?$$

- (a) 33
- (b) 15
- (c) 30
- (d) 4

Q50.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If + means ÷, - means ×, × means + and ÷ means -, then which of the alternatives is correct ?

- (a) $5 \times 8 - 5 + 5 \div 1 = 12$
- (b) $55 - 2 + 10 \div 1 \times 5 = 16$
- (c) $38 \div 10 - 5 + 7 \times 8 = 25$
- (d) $10 - 12 + 2 \div 30 \times 1 = 10$

Q51.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '-' stands for '+', '+' stands for 'x', 'x' stands for '-' then which one of the following is not correct ?

- (a) $22 + 7 - 3 \times 9 = 148$
- (b) $33 \times 5 - 10 + 20 = 228$
- (c) $7 + 28 - 3 \times 52 = 127$
- (d) $44 - 9 + 6 \times 11 = 87$

Q52.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '+' stands for 'division'; 'x' stands for 'addition'; '-' stands for 'multiplication'; '÷' stands for 'subtraction', which of the following equations is correct?

- (a) $5 - 3 + 2 \times 4 \div 8 = 2$
- (b) $5 \times 3 + 2 - 4 \times 8 = 19$
- (c) $5 \div 3 \times 2 - 4 + 8 = 8$
- (d) $5 + 3 \times 2 \div 4 - 8 = 4$

Q53.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If + means '÷'; '-' means '+'; 'x' means '-' and '+' means 'x', then, $8 \div 4 - 6 + 3 \times 4 = ?$

- (a) 4
- (b) 14
- (c) 28
- (d) 30

Q54.

Direction: In The following Question you have to identify the correct response from the given premises stated according to following symbols:

If '+' means '-', '-' means 'x'; 'x' means '÷' and '÷' means '+', then $25 \times 5 \div 30 + 8 - 2 = ?$

- (a) 54
- (b) 15
- (c) 18
- (d) 19

ANSWERS :

| | | | | | |
|------|------|------|------|------|------|
| 1 c | 2 a | 3 d | 4 c | 5 c | 6 b |
| 7 b | 8 a | 9 b | 10 d | 11 a | 12 b |
| 13 b | 14 b | 15 c | 16 a | 17 a | 18 d |
| 19 b | 20 a | 21 d | 22 c | 23 a | 24 b |
| 25 b | 26 d | 27 c | 28 b | 29 c | 30 c |
| 31 c | 32 c | 33 d | 34 d | 35 d | 36 c |
| 37 b | 38 a | 39 d | 40 d | 41 d | 42 a |
| 43 b | 44 d | 45 d | 46 a | 47 a | 48 c |
| 49 d | 50 a | 51 c | 52 b | 53 d | 54 d |