Symbol and Notation

Resoning with Mohit Kawatra

Symbol and Notation

Type-1

1. 256 * 4 * 9 * 3 * 14 = 51
SSC CGL 14/07/2023
(a) ×, +, -, ÷
(b) ÷, ×, -, +
(c) ×, ÷, +, -
(d) ÷, -, ×, +

2. 150 * 3 * 10 * 2 * 7 * 46
SSC CGL 14/07/2023
(a) ÷, +, -, ×, =
(b) -, ×, +, ÷, =
(c) +, -, ÷, ×, =
(d) ×, +, ÷, -, =

3. 86 * 54 * 34 * 68 * 2 * 33
SSC CGL 14/07/2023
(a) -, +, ÷, ×, =
(b) ÷, -, +, ×, =
(c) ×, ÷, ×, -, =
(d) +, ÷, ×, -, =

4. 76 * 34 * 23 * 12 * 6 * 21
SSC CGL 17/07/2023
(a) +, -, +, ÷, =
(b) -, -, +, +, =
(c) ×, -, +, ÷, =
(d) -, -, +, ÷, =

5. 5 * 23 * 24 * 4 * 10 * 111
SSC CGL 17/07/2023
(a) ÷, +, -, ×, =
(b) -, ×, +, ÷, =
(c) ×, +, ÷, -, =
(d) +, -, ÷, ×, =

6. 32 * 42 * 7 * 7 * 17 * = 202
SSC CGL 17/07/2023
(a) ×, ÷, -, +
(b) ×, -, +, ÷
(c) +, ÷, ×, -
(d) +, ×, ÷, -

7. 56 * 8 * 4 * 7 * 50 * 15
SSC CGL 17/07/2023
(a) +, =, ÷, ×, +
(b) ÷, ×, =, +, +
(c) ÷, ×, -, =, ×
(d) ÷, ×, +, =, -

8. 28 * 4 * 3 * 9 * 42 * 12
SSC CGL 18/07/2023
(a) ÷, ×, -, =, ×
(b) ÷, ×, =, +, +
(c) ÷, ×, +, =, -
(d) +, =, ÷, ×, +

9. 55 * 63 * 9 * 8 * 3 = 38
SSC CGL 18/07/2023
(a) ÷, ×, -, +
(b) ×, ÷, +, -
(c) +, -, ×, ÷
(d) +, ÷, -, ×

10. 45 * 9 * 3 * 25 * 55 * 15
SSC CGL 18/07/2023
(a) ÷, ×, -, =, ×
(b) ÷, ×, =, +, +
(c) +, =, ÷, ×, +
(d) ÷, ×, +, =, -

11. 36 * 12 * 6 * 12 * 3 = 63
SSC CGL 19/07/2023
(a) ×, ÷, -, +
(b) ÷, -, +, ×
(c) ÷, +, -, ×
(d) +, ÷, ×, -

12. 11 * 13 * 238 * 17 *34 = 123
SSC CGL 19/07/2023
(a) +, ×, -, ÷
(b) ×, +, ÷, -
(c) +, ÷, ×, -
(d) ÷, -, +, ×

13. 16 * 31 * 18 * 2 * 11 = 494
SSC CGL 20/07/2023
(a) -, ×, +, ÷, =
(b) ÷, +, -, ×, =
(c) +, -, ÷, ×, =
(d) ×, +, ÷, -, =

14. 74 * 34 * 78 * 23 * 23 * 30
SSC CGL 20/07/2023
(a) ÷, -, +, ×, =
(b) +, ÷, ×, -, =
(c) +, -, +, -, =
(d) -, ÷, +, ×, =

15. 321 * 3 * 236 * 5 * 248 * 4 * 20 = 384
SSC CGL 21/07/2023
(a) +, -, ×, +, ÷, ×
(b) -, +, ×, -, ÷, +
(c) ÷, +, -, ×, +, -
(d) ×, +, -, ÷, +, -

16. 25 * 82 * 12 * 6 * 8 * 91
SSC CGL 20/07/2023
(a) -, ×, +, ÷, =
(b) ÷, +, -, ×, =
(c) +, -, ÷, ×, =
(d) ×, +, ÷, -, =

17. 42 * 7 * 5 * 5 * 40 * 5
SSC CGL 20/07/2023
(a) ÷, ×, +, =, -
(b) ÷, ×, =, +, +
(c) ÷, ×, -, =, ×
(d) +, =, ÷, ×, +

18. 12 * 4 * 15 * 3 * 16 * 24

SSC CGL 20/07/2023

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

19. 62 * 11 * 42 * 6 * 18 * 21 * 7

SSC CGL 20/07/2023

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

20. 72 * 9 * 3 * 6 * 6 * 6 * 6

SSC CGL 20/07/2023

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

Type-2

1. 588 ÷ 28 × 32 + 72 – 160 = 760

SSC CGL 14/07/2023

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

2. 294 + 14 × 4 ÷ 16 - 67 = 33

SSC CGL 14/07/2023

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

3. 60 × 4 + 9 ÷ 3 – 8 = 34

SSC CGL 14/07/2023

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

4. 117 ÷ 13 + 16 × 540 - 40 = 644

SSC CGL 14/07/2023

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

5. 912 - 456 × 28 + 390 ÷ 2 = 444

SSC CGL 17/07/2023

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

6. 625 ÷ 25 + 7 × 318 – 112 = 381

SSC CGL 17/07/2023

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

7. 100 + 100 × 50 – 2 ÷ 3 = 51

SSC CGL 17/07/2023

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

8. 10 – 4 + 13 ÷ 15 × 3 = 71

SSC CGL 18/07/2023

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

9. 1664 ÷ 4 × 2 + 712 – 316 = 436

SSC CGL 18/07/2023

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

10. 756 ÷ 252 + 89 × 180 – 63 = 384

SSC CGL 19/07/2023

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

11. 2 × 236 – 2 + 36 ÷ 72 = 200

SSC CGL 19/07/2023

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

12. 173 ÷ 169 + 13 × 5 – 13 = 225

SSC CGL 20/07/2023

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

13. 12 ÷ 5 – 8 × 2 + 14 = 70

SSC CGL 20/07/2023

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

14. 256 – 4 × 2 + 200 ÷ 19 = 309

SSC CGL 20/07/2023

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

15. 15 ÷ 3 + 15 – 3 × 3 = 47

SSC CGL 20/07/2023

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

16. 459 + 17 × 12 ÷ 72 – 47 = 349

SSC CGL 21/07/2023

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

17. 5 × 15 ÷ 3 + 20 – 9 = 4

SSC CGL 21/07/2023

(a) 5 and 20
(b) 15 and 20
(c) 3 and 9
(d) 4 and 20

Type-3

1. If '+' means 'subtraction', '-' means 'multiplication', '÷' means 'addition' and '×' means 'division', then what is the value of the following expression ?
यदि '+' का अर्थ 'घटाना' है, '–' का अर्थ 'गुणा' है, '÷' का अर्थ 'जोड़' है और '×' का अर्थ 'भाग' है, तो निम्नलिखित अभिव्यक्ति का मूल्य क्या है?
3 – 21 + 153 × 17 ÷ 26

SSC CGL 18/07/2023

(a) 84 *(b) 80*
(c) 76 *(d) 58*

2. If '+' means 'subtraction', '-' means 'multiplication', '÷' means 'addition' and '×' means 'division', then what is the value of the following expression ?
यदि '+' का अर्थ 'घटाना' है, '–' का अर्थ 'गुणा' है, '÷' का अर्थ 'जोड़' है और '×' का अर्थ 'भाग' है, तो निम्नलिखित अभिव्यक्ति का मूल्य क्या है?
23 - 31 + 135 × 15 ÷ 16

SSC CGL 20/07/2023

(a) 698 *(b) 794*
(c) 680 *(d) 720*

3. If '+' means 'multiplication', '-' means 'division', '×' means 'subtraction' and '÷' means 'addition' , then what is the value of the following expression ?
यदि '+' का अर्थ 'गुणा', '–' का अर्थ 'भाग', '×' का अर्थ 'घटाव' और '÷' का अर्थ 'जोड़' है, तो निम्नलिखित अभिव्यक्ति का मूल्य क्या है?
26 + 342 – 19 × 73 ÷ 14

SSC CGL 20/07/2023

(a) 481 *(b) 409*
(c) 524 *(d) 510*

4. If '+' means 'subtraction', '-' means 'multiplication', '÷' means 'addition' and '×' means 'division', then what is the value of the following expression ?
यदि '+' का अर्थ 'घटाना' है, '–' का अर्थ 'गुणा' है, '÷' का अर्थ 'जोड़' है और '×' का अर्थ 'भाग' है, तो निम्नलिखित अभिव्यक्ति का मूल्य क्या है?
14 – 19 + 240 × 16 ÷ 61

SSC CGL 24/07/2023

(a) 284 *(b) 312*
(c) 247 *(d) 329*

Type-4

1. 18 – 6 + 11 × 5 + 18 = 113

SSC CGL 18/07/2023

(a) 6 and 5, + and ×
(b) 18 and 5, + and ×
(c) 6 and 5, - and ×
(d) 18 and 5, - and ×

2. 14 + 16 - 14 × 9 ÷ 4 = 61

SSC CGL 19/07/2023

(a) 16 and 14, + and ×
(b) 16 and 9, + and -
(c) 14 and 4, - and ÷
(d) 14 and 9, + and ×

3. 512 × 64 ÷ 5 + 30 – 50 = 20

SSC CGL 19/07/2023

(a) 50 and 64, + and ×
(b) 20 and 30, + and ÷
(c) 20 and 50, × and ÷a
(d) 5 and 20, + and -

4. 24 × 9 + 6 ÷ 24 – 18 = 22

SSC CGL 19/07/2023

(a) 18 and 22, + and -
(b) 24 and 6, × and +
(c) 6 and 9, ÷ and +
(d) 6 and 18, ÷ and ×

5. 25 – 10 ÷ 5 + 15 × 30 = 55

SSC CGL 19/07/2023

(a) 30 and 25, × and ÷
(b) 15 and 10, ÷ and +
(c) 15 and 10, × and -
(d) 5 and 10, + and -

6. 7 × 14 ÷ 6 + 12 + 6 = 30

SSC CGL 21/07/2023

(a) 7 and 6, × and ÷
(b) 7 and 14, × and ÷
(c) 7 and 6, ÷ and +
(d) 7 and 14, × and +

7. 24 – (9 ÷ 12) + (84 × 4) + 28 = 23

SSC CGL 21/07/2023

(a) 24 and 28, - and ÷
(b) 24 and 28, × and ÷
(c) 9 and 4, ÷ and ×
(d) 12 and 4, ÷ and ×

8. 3 – 17 + 3 + 16 × 8 = 60

SSC CGL 21/07/2023

(a) 17 and 8, - and ×
(b) 3 and 17, - and ×
(c) 3 and 16, - and ×
(d) 17 and 16, - and ×

9. (31×3) – (27×4) + (81÷9) = 126

SSC CGL 21/07/2023

(a) 27 and 81, + and -
(b) 31 and 27, + and -
(c) 3 and 4, ÷ and +
(d) 27 and 9, + and -

Answer keys:-

Type:- 1

1.(d)	2.(a)	3.(a)	4.(d)	5.(c)
6.(a)	7.(d)	8.(c)	9.(d)	10.(d)
11.(a)	12.(b)	13.(d)	14.(c)	15.(a)
16.(c)	17.(a)	18.(d)	19.(b)	20.(b)

Type:- 2

1.(a)	2.(a)	3.(d)	4.(b)	5.(a)
6.(d)	7.(a)	8.(c)	9.(c)	10.(a)
11.(a)	12.(c)	13.(c)	14.(c)	15.(a)
16.(a)	17.(d)			

Type:- 3

1.(b)	2.(d)	3.(b)	4.(b)

Type:- 4

1.(c)	2.(b)	3.(c)	4.(c)	5.(c)
6.(b)	7.(d)	8.(d)	9.(d)	