# Number Series

## Question No. 1

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

16 : 69 :: 24 : ? :: 31 : 144

○ 109

○ 121

○ 116

○ 105

## Question No. 2

The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair

○ 16:1024

○ 14:784

○ 18:1620

○ 12:576

## Question No. 3

Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row- 9, 21, 124

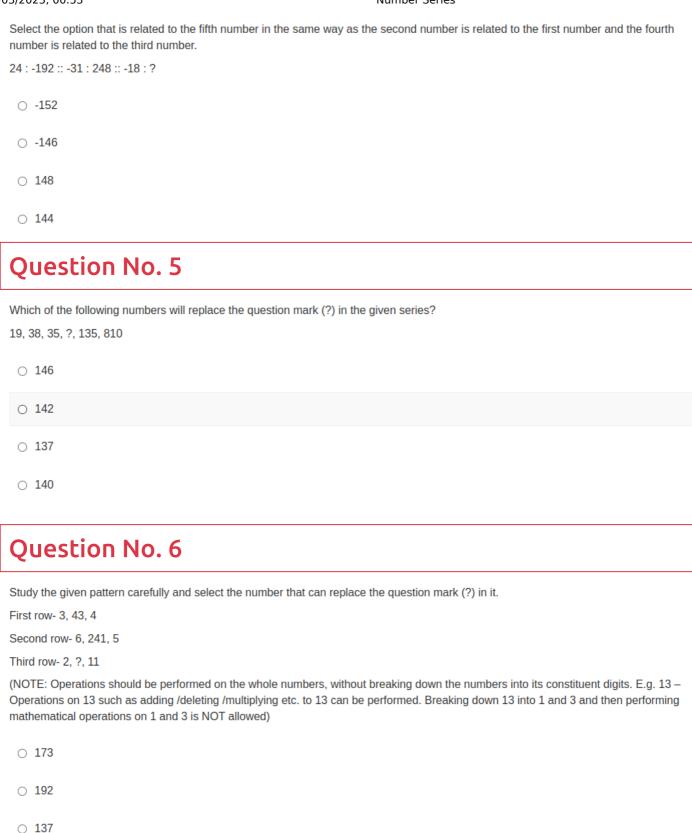Second row- 11, 25, 148

Third row- 17, ?, 220

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

○ 34

○ 30

○ 35

○ 37

## Question No. 4

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

24 : -192 :: -31 : 248 :: -18 : ?

○ -152

○ -146

○ 148

○ 144

# Question No. 5

Which of the following numbers will replace the question mark (?) in the given series?

19, 38, 35, ?, 135, 810

○ 146

○ 142

○ 137

○ 140

# Question No. 6

Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row- 3, 43, 4

Second row- 6, 241, 5

Third row- 2, ?, 11

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
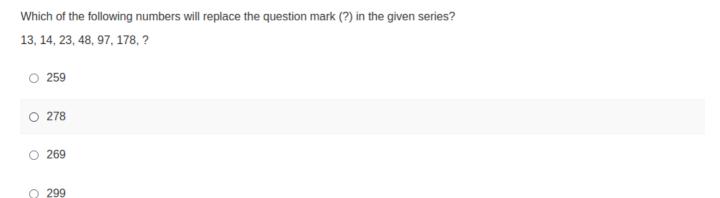
○ 173

○ 192

○ 137

○ 129

# Question No. 7

Which of the following numbers will replace the question mark (?) in the given series?

13, 14, 23, 48, 97, 178, ?

○ 259

○ 278

○ 269

○ 299

# Question No. 8

Which of the following numbers will replace the question mark (?) in the given series?

15, 27, 12, ?, 9, 33

29

18

26

✓ 30     Your first attempt   70% answered correctly

# Question No. 9

Which of the following numbers will replace the question mark (?) in the given series?

8, 16, 13, ?, 47, 282

58

48

✓ 52     61% answered correctly

55

# Question No. 10

Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row – 13, 50, 104

Second row – 11, 42, ?

Third row – 18, 70, 144

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

80

96

✓ 88                                                                        55% answered correctly

98

## Question No. 11

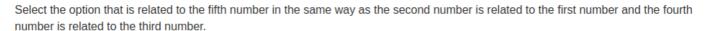Which of the following numbers will replace the question mark (?) in the given series?

199, 211, 196, ?, 193, 217

○ 205

○ 214

○ 207

○ 210

## Question No. 12

The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs, EXCEPT one. Find that odd number pair.

✓ 8 : 64                                        Your first attempt    90% answered correctly

8 : 512

6 : 216

4 : 64

## Question No. 13

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

19 : 80 :: 23 : 96 :: 16 : ?

○ 76

○ 68

○ 70

○ 62

# Question No. 14

Which of the following numbers will replace the question mark (?) in the given number series?

56, 68, ?, 128, 176, 236

　80

　116

　74

✓ 92　　　　　　　　　　　　　　　　　　　　　　　　　　76% answered correctly

# Question No. 15

Select the set in which the numbers are related in the same way as are the numbers of the following set.

(75, 25, 28)

(136, 34, 38)

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

○ (27, 9, 15)

○ (45, 9, 12)

○ (55, 5, 11)

○ (105, 35, 38)

# Question No. 16

Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row- 6,39, 124

Second row- 8 , 53, ?

Third row- 11, 74, 229

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as
adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed).

111

161

116

✓  166

## Question No. 17

Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row: 3, 2, 30

Second row: 7, 5, 175

Third row: 4, 6, ?

(NOTE: Operations should be performed on the whole numbers, without breaking down the number into its constituent digits. For example, 13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

125

110

✓  120                                                        48% answered correctly

140

## Question No. 18

Which of the following numbers will replace the question mark (?) in the given series?

17, 20, 60, 64, 256, 261, 1305, ?

1346

1361

1284

✓  1311                                                       90% answered correctly

## Question No. 19

The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number-pairs EXCEPT one. Find that odd number-pair.

4 : 48

6 : 180

8 : 448

✓ 9 : 639                                                    59% answered correctly

# Question No. 20

The second number in the given number performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.

✓ 47 : 2116

53 : 2703

24 : 528

68 : 4488

# Question No. 21

The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs EXCEPT one. Find that odd number pair.

↻ 48 : 168

52 : 182

26 : 91

✓ 34 : 118                                                    41% answered correctly

# Question No. 22

Select the option that is related to the fifth term in the same way as the second term is related to the first term and fourth term related to third term.

786 : 7 :: 645 : 5 :: 282 : ?

6

5

8

✓ 4                                                         47% answered correctly

# Question No. 23

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

9 : 109 :: 7 : 71 :: 13 : ?

  238

  229

  218

✓  209

# Question No. 24

Which of the following numbers will replace the question mark(?) in the given series?

45, 55, 72, 97, 131, ?

  183

  189

✓  175

  179

# Question No. 25

Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term

8 : 512 :: ? : 1728 :: 18 : 5832

  8

  14

✓  12                                                    88% answered correctly

  9

# Question No. 26

Which of the following numbers will replace the question mark (?) in the given series?

2, 22, 32, 42, 57, 87, 162, ?

| ✓ 387 |
|---|

356

365

378

# Question No. 27

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

375 : 592 :: 423 : 640 :: 198 : ?

440

| ✓ 415 | 60% answered correctly |
|---|---|

423

392

# Question No. 28

Which of the following numbers will replace the question mark (?) in the given series?

13, 78, 83, ?, 335, 670

334

| ✓ 332 | 58% answered correctly |
|---|---|

330

325

# Question No. 29

Which of the following numbers will replace the question mark (?) in the given series?

5, 8, 24, 57, 109, 184, 288, 423, ?

559

| ✓ 595 | 14% answered correctly |
|---|---|

659

695

# Question No. 30

Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

56 : 217 :: 38 : ? :: 73 : 285

163

158

132

✓ 145                                                                                    42% answered correctly

# Question No. 31

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

7 : 105 :: 9 : 153 :: 13 : ?

✓ 273

233

277

237

# Question No. 32

Which of the following numbers will replace the question mark (?) in the given series?

24, 48, 45, ?, 175, 1050

185

195

190

✓ 180

# Question No. 33

Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row- 5, 6, 19

Second row- 7, 7, 35

Third row- 8, 9, ?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

65

35

45

✓ 55

## Question No. 34

Which of the following numbers will replace the question mark (?) in the given series?

67, 83, 71, 91, 80, 118, ?

116

✓ 96

100

98

## Question No. 35

The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.

7 : 392

9 : 810

✓ 15 : 3150

12 : 1872

## Question No. 36

Which of the following numbers will replace the question mark (?) in the given series?

13, 26, 23, ?, 87, 522

    95

    94

✕  90

✓  92

# Question No. 37

Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row: 187, 164, 141

Second row: 215, 192,169

Third row: 178,155,?

(NOTE: Operations should be performed on the whole numbers, without breaking down the number into its constituent digits. For example, 13 - Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

    129

    131

    123

✓  132

# Question No. 38

The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs, except one. Find that odd number pair.

✓  100 : 81

    36 : 16

    49 : 25

    81 : 49

# Question No. 39

Which number will replace the question mark (?) in the following series?

6, 12, 20, 30, ?, 56

| ✓ 42 |
|---|

| 25 |

| 49 |

| 36 |

# Question No. 40

The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.

19 : 323

43 : 731

21 : 357

| ✓ 15 : 256 |
|---|

# Question No. 41

Which of the following numbers will replace the question mark (?) in the given series?

19, 37, 74, 147, 294, ?

578

| ✓ 587 |
|---|

577

588

# Question No. 42

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

4 : 80 :: 7 : 392 :: 5 : ?

148

136

162

| ✓ 150 |
|---|

# Question No. 43

Which of the following numbers will replace the question mark (?) in the given series?

4, 8, 5, ?, 15, 90

18

13

22

✓ 20

# Question No. 44

The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number-pairs EXCEPT one. Find that odd number-pair.

✓ 16 : 8

✗ 4 : 5

9 : 6

36 : 9

# Question No. 45

The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.

53 : 2916

✓ 41 : 1765

23 : 576

19 : 400

# Question No. 46

Which of the following numbers will replace the question mark (?) in the given series?

13, 25, 38, 62, 88, 124, 163, 211, ?

253

✓ 263

235

236

## Question No. 47

Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term

7 : 58 :: ? : 370 :: 12 : 153

20

18

21

✓ 19

## Question No. 48

Select the option that is related to the fifth term in the same way as the second term is related to the first term and fourth term related to third term.

13 : 130 :: 15 : 180 :: 27 : ?

649

658

650

✓ 648

## Question No. 49

Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term

64 : 320 :: ? : 70 :: 22 : 110

12

✓ 14

8

17

# Question No. 50

Three of the following are alike in some way and one is different. Select the odd one.

5878

5788

9748

✓ 6882