## Section : - Quantitative Aptitude

**Question : -1**

***Look at this series: 2, 1, (1/2), (1/4), ... What number should come next?***

- 1/3
- 1/8
- 2/8
- 1/16
- None of the above

Correct Answer : 1/8

Answer Explaination - This is a simple division series; each number is one-half of the previous number. In other terms to say, the number is divided by 2 successively to get the next result. 4/2 = 2 2/2 = 1 1/2 = 1/2 (1/2)/2 = 1/4 (1/4)/2 = 1/8 and so on.

---

## Section : - Quantitative Aptitude

**Question : -2 Look at this series: 7, 10, 8, 11, 9, 12, ... What number should come next?**

- 7
- 10
- 12
- 13
- 8

Correct Answer : 10

Answer Explaination -

This is a simple alternating addition and subtraction series. In the first pattern, 3 is added; in the second, 2 is subtracted.

---

## Section : - Quantitative Aptitude

**Question : -3 Look at this series: 36, 34, 30, 28, 24, ... What number should come next?**

- 20
- 22
- 23
- 26
- 28

Correct Answer : 22

Answer Explaination -

This is an alternating number subtraction series. First, 2 is subtracted, then 4, then 2, and so on.

---

## Section : - Quantitative Aptitude

**Question : -4 Look at this series: 22, 21, 23, 22, 24, 23, ... What number should come next?**

- 22
- 24
- 25
- 26
- None of the above

Correct Answer : 25

Answer Explaination -

In this simple alternating subtraction and addition series; 1 is subtracted, then 2 is added, and so on.

---

### Section : - Quantitative Aptitude

**Question : -5 Look at this series: 53, 53, 40, 40, 27, 27, ... What number should come next?**

- 12
- 14
- 27
- 53
- 11

Correct Answer : 14

Answer Explaination -

In this series, each number is repeated, then 13 is subtracted to arrive at the next number.

---

### Section : - Quantitative Aptitude

**Question : -6 Look at this series: 21, 9, 21, 11, 21, 13, 21, ... What number should come next?**

- 14
- 15
- 21
- 23
- 25

Correct Answer : 15

Answer Explaination -

In this alternating repetition series, the random number 21 is interpolated every other number into an otherwise simple addition series that increases by 2, beginning with the number 9.

---

### Section : - Quantitative Aptitude

**Question : -7 Look at this series: 58, 52, 46, 40, 34, ... What number should come next?**

- 26
- 28
- 30
- 32
- 34

Correct Answer : 28

Answer Explaination -

This is a simple subtraction series. Each number is 6 less than the previous number.

---

### Section : - Quantitative Aptitude

**Question : -8 Look at this series: 3, 4, 7, 8, 11, 12, ... What number should come next?**

- 7
- 10
- 14
- 15
- 13

Correct Answer : 15

Answer Explaination -

This alternating addition series begins with 3; then 1 is added to give 4; then 3 is added to give 7; then 1 is added, and so on.

---

### Section : - Quantitative Aptitude

**Question : -9 Look at this series: 8, 22, 8, 28, 8, ... What number should come next?**

- 35
- 33
- 24
- 25
- 34

Correct Answer : 34

Answer Explaination -

This is a simple addition series with a random number, 8, interpolated as every other number. In the series, 6 is added to each number except 8, to arrive at the next number.

---

### Section : - Quantitative Aptitude

**Question : -10 Look at this series: 31, 29, 24, 22, 17, ... What number should come next?**

- 15
- 14
- 13
- 12
- 11

Correct Answer : 15

Answer Explaination -

This is a simple alternating subtraction series, which subtracts 2, then 5.

---

### Section : - Quantitative Aptitude

**Question : -11 Look at this series: 1.5, 2.3, 3.1, 3.9, ... What number should come next?**

- 4.2
- 4.3
- 4.7
- 4.5
- 5.1

Correct Answer : 4.7

Answer Explaination -

In this simple addition series, each number increases by 0.8.

---

### Section : - Quantitative Aptitude

**Question : -12 Look at this series: 14, 28, 20, 40, 32, 64, ... What number should come next?**

- 52
- 56

- 96
- 128
- 58

Correct Answer : 56

Answer Explaination -

This is an alternating multiplication and subtracting series: First, multiply by 2 and then subtract 8.

---

**Section : - Quantitative Aptitude**

**Question : -13 Look at this series: 2, 4, 6, 8, 10, ... What number should come next?**

- 11
- 12
- 13
- 14
- 16

Correct Answer : 12

Answer Explaination -

This is a simple addition series. Each number increases by 2.

---

**Section : - Quantitative Aptitude**

**Question : -14 Look at this series: 201, 202, 204, 207, ... What number should come next?**

- 211
- 208
- 207
- 209
- 205

Correct Answer : 211

Answer Explaination -

In this addition series, 1 is added to the first number; 2 is added to the second number; 3 is added to the third number; 4 is added to the fourth number; and go on.

---

**Section : - Quantitative Aptitude**

**Question : -15 Look at this series: 544, 509, 474, 439, ... What number should come next?**

- 404
- 414
- 424
- 434
- 444

Correct Answer : 404

Answer Explaination -

This is a simple subtraction series. Each number is 35 less than the previous number.

---

**Section : - Quantitative Aptitude**

**Question : -16 Look at this series: 80, 10, 70, 15, 60, ... What number should come next?**

- 20
- 25
- 30
- 50
- 52

Correct Answer : 20

Answer Explaination -

This is an alternating addition and subtraction series. In the first pattern, 10 is subtracted from each number to arrive at the next. In the second, 5 is added to each number to arrive at the next.

---

### Section : - Quantitative Aptitude

**Question : -17 Look at this series: 2, 6, 18, 54, ... What number should come next?**

- 108
- 148
- 162
- 216
- None of the above

Correct Answer : 162

Answer Explaination -

This is a simple multiplication series. Each number is 3 times more than the previous number.

---

### Section : - Quantitative Aptitude

**Question : -18 Look at this series: 5.2, 4.8, 4.4, 4, ... What number should come next?**

- 3
- 3.3
- 3.5
- 3.6
- 3.9

Correct Answer : 3.6

Answer Explaination -

In this simple subtraction series, each number decreases by 0.4.

---

### Section : - Quantitative Aptitude

**Question : -19 Look at this series: 8, 6, 9, 23, 87 , ... What number should come next?**

- 128
- 226
- 324
- 429
- None of the above

Correct Answer : 429

Answer Explaination -

8 x 1 - 2 = 6

6 x 2 - 3 = 9
9 x 3 - 4 = 23
23 x 4 - 5 = 87
87 x 5 - 6 = 42

---

### Section : - Quantitative Aptitude

**Question : -20 10303.88 ÷ 55.94 + 62.95 = ?**

- 247
- 250
- 240
- 260
- 220

Correct Answer : 247

Answer Explaination - 10303.88 ÷ 55.94 + 62.95 = ? ? = 10304 + 56 + 63 = 10304 + 63 = 184 + 63 = 247. 56 Hence, option A is correct.

---

### Section : - Quantitative Aptitude

**Question : -21 125.009 + 69.999 + 104.989 = ?**

- 420
- 300
- 285
- 415
- 425

Correct Answer : 300

Answer Explaination - 125.009 + 69.999 + 104.989 = ? Lets assume, each value is approximated to nearest whole number ? ? ? 125 + 70 + 105 ? ? ? 300

---

### Section : - Quantitative Aptitude

**Question : -22 16.003 x 27.998 - 209.010 = ?**

- 150
- 200
- 75
- 240
- None of the above

Correct Answer : 240

Answer Explaination -

? = 16.003 x 27.998 - 209.010
? ? 16 x 28 - 210 = 448 - 210
? = 238 ? 240

---

### Section : - Quantitative Aptitude

**Question : -23 840.003 ÷ 23.999 = ?**

- 47
- 8
- 35

- 18
- None of the above

Correct Answer : 35

Answer Explaination -

? = 840.003 ÷ 23.999
Here one number is increased and other is decreased to their nearest whole number
= 840 ÷ 24 = 35

---

**Section : - Quantitative Aptitude**

**Question : -24 6885.009 - 419.999 - 94.989 = ?**

- 6650
- 6830
- 6370
- 6200
- 5200

Correct Answer : 6370

Answer Explaination -

? = 6885.009 - 419.999 - 94.989
?= 6885 - 420 - 95 ? 6370

---

**Section : - Quantitative Aptitude**

**Question : -25 503 x 201= ?**

- 101100
- 1000000
- 110000
- 100003
- 100085

Correct Answer : 101100

Answer Explaination -

530 x 201 = 101103 ? 101100

---

**Section : - Quantitative Aptitude**

**Question : -26 (2/3) x (6/8) x (2/3) x (3/4) = ?**

- 0.25
- 0.5
- 1.5
- 1.25
- 1

Correct Answer : 0.25

Answer Explaination -

(2/3) x (6/8) x (2/3) x (3/4) = 1/4 = 0.25

---

**Section : - Quantitative Aptitude**

**Question : -27**
**15 7/8 x 23 1/5 +3 4/5 x 5 1/8**

- 360
- 350
- 370
- 385
- 380

Correct Answer : 385

Answer Explaination -

? = 127/8 x 116/5 + 19/5 x 41/8
= 14732/40 + 779/40 = 15511/40 = 387.7 ? 385

---

**Section : - Quantitative Aptitude**

**Question : -28**
**23/5 x 15/26 x 283.75 = ?**

- 440
- 435
- 410
- 425
- 432

Correct Answer : 425

Answer Explaination -

? = 23/5 x 15/26 x 283.75
? 13/5 x 15/16 x 284

---

**Section : - Quantitative Aptitude**

**Question : -29**
**36.98276421 x 21.00002 = ?**

- 775
- 785
- 800
- 805
- 807

Correct Answer : 775

Answer Explaination -

36.98276421 x 21.00002
Using nearest value in whole number for 36.9827421 is 37 and 21.0002 is 21
? 37 x 21 = 777 ? 775

---

**Section : - Quantitative Aptitude**

**Question : -30**
**14.995 x 8.001 x 20.991 = ?**

- 1950
- 2520
- 2200
- 1520
- 2900

Correct Answer : 2520

Answer Explaination -

? = 14.995 x 8.001 x 20.991
? 15 x 8 x 21 = 2520

---

**Section : - Quantitative Aptitude**

**Question : -31**
**26.823 x 27.923 x 4.5001= ?**

- 3500
- 3450
- 3100
- 3400
- 3600

Correct Answer : 3400

Answer Explaination -

26.823 x 27.923 x 4.5001 ? 27 x 28 x 4.5000

? = 756 x 4.5000 = 3402 ? 3400

---

**Section : - Quantitative Aptitude**

**Question : -32**
**3739 + 164 x 27 = ?**

- 105400
- 4000
- 8200
- 620
- 9850

Correct Answer : 8200

Answer Explaination -

3739 + 164 x 27 = ?
? = 3739 + 4428 = 8167 ? 8200

---

**Section : - Quantitative Aptitude**

**Question : -33**
**21 + 3.7 x 2.9 = ?**

- 74
- 70
- 24
- 32

- 50

Correct Answer : 32

Answer Explaination -

21 + 3.7 x 2.9 = ? ? ? 21+ 4 x 3 ? 21 + 12 ? 33 ? 32

---

**Section : - Quantitative Aptitude**

**Question : -34**
**(21 + 99) x (30 - 19.02) = ?**

- 3581
- 131
- 1290
- 1270
- None of the above

Correct Answer : None of the above

Answer Explaination -

(21+ 99) x (30 - 19.02)
? (21+ 99 ) x (30 - 19)
? 120 x 11 = 1320

---

**Section : - Quantitative Aptitude**

**Question : -35**
**198.001 x 25 + 112.05 x 24.998**

- 7570
- 7550
- 7500
- 7750
- 7650

Correct Answer : 7750

Answer Explaination -

? = 198.001 x 25 + 112.05 x 24.998
= 198 x 25 + 112 x 25
= 25(198 + 112)
= 25 x 310 = 7750

---

**Section : - Quantitative Aptitude**

**Question : -36**
**17.995 x 16.005 +15.999 x 15.001 = ?**

- 513
- 528
- 440
- 218
- 460

Correct Answer : 528

Answer Explaination -

? = 17.995 x 16.005 + 15.999 x 15.001
= 18 x 16 + 16 x 15 = 16 x ( 18 + 15)
= 16 x 33 = 528

---

**Section : - Quantitative Aptitude**

**Question : -37**
**127.007 x 7.998 + 6.05 x 4.001 = ?**

- 1090
- 1200
- 1120
- 1040
- None of the above

Correct Answer : 1040

Answer Explaination -

? = 127.007 x 7.998 + 6.05 x 4.001
= 127 x 8 + 6 x 4 = 1016 + 24 = 1040

---

**Section : - Quantitative Aptitude**

**Question : -38**
**198.995 x 12.005 + 16.25 x 6.95**

- 2580
- 2600
- 2500
- 2400
- 2700

Correct Answer : 2500

Answer Explaination -

? = 198.995 x 12.005 + 16.24 x 6.95
= 199 x 12 +16 x 7 = 2388 + 112 = 2500

---

**Section : - Quantitative Aptitude**

**Question : -39**
**2375.85 ÷ 18.01 - 4.525 x 8.05**

- 103
- 96
- 88
- 90
- 120

Correct Answer : 96

Answer Explaination -

? = 2375.85 ÷ 18.01 - 4.525 x 8.05
= 2376 ÷ 18 - 4.5 x 8 = 132 - 36 = 96

---

### Section : - Quantitative Aptitude

**Question : -40**
**2508 ÷ 15.02 + ? x 11 = 200**

- 13
- 8
- 3
- 4
- 23

Correct Answer : 3

Answer Explaination -

2508 ÷ 15.02 ÷ ? x 11 = 200
? 2508/15 + ? x 11 = 200
? ? = (200 - 167.2) x 1/11 = 2.98 ? 3

---

### Section : - Quantitative Aptitude

**Question : -41**
**421 x 0.9 +130 x 101 + 10000 = ?**

- 33500
- 23500
- 225000
- 24500
- 25500

Correct Answer : 23500

Answer Explaination -

? = 421 x 0.9 +130 x 101 x 10000
= 378.9 + 13130 +10000
= 23508.9 ? 23500

---

### Section : - Quantitative Aptitude

**Question : -42**
**30.9 x 3000 - 10.1 x 1100 + 8298- 4302 = ?**

- 80000
- 90000
- 105000
- 85000
- None of the above

Correct Answer : 85000

Answer Explaination -

? = 30.9 x 3000 -10.1 x 1100 + 8298 - 4302

= 92700 - 11110 + 8298 - 4302
= 92700 - 11110 + 8298 - 4302
= 85586 ? 85000

---

**Section : - Quantitative Aptitude**

**Question : -43**

**56.001 x ? - 1000.999= 231**

- 22
- 45
- 37
- 16
- 40

Correct Answer : 22

Answer Explaination -

56.001 x ? - 1000.999 = 231
? 56 x ? - 1001 = 231
? 56 x ? = 231 +1001 = 1232/56 = 22

---

**Section : - Quantitative Aptitude**

**Question : -44**

**1010 ÷ 36+187 x 20.05**

- 3650
- 3770
- 3825
- 3800
- 4900

Correct Answer : 3770

Answer Explaination -

? = 1010 ÷ 36 + 187 x 20.05
= 28.0555 + 3749.35 = 3777.40 ? 3770

---

**Section : - Quantitative Aptitude**

**Question : -45**

**724 ÷ 25 x 31.05 + 101**

- 900
- 950
- 1000
- 1050
- 1100

Correct Answer : 1000

Answer Explaination -

724 ÷ 25 x 31.05 + 101 = ?

? ? = 725 ÷ 25 x 31 + 101
= 29 x 31+ 101
= 899 + 101 = 1000

---

**Section : - English Language**

**Question : -46 Read each sentence to find out whether there is any grammatical error in it. The error, if any will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is 'D'. (Ignore the errors of punctuation, if any).**

- We discussed about the problem so thoroughly
- on the eve of the examination
- that I found it very easy to work it out.
- Both Of The Above
- No error.

Correct Answer : We discussed about the problem so thoroughly

Answer Explaination -

Instead of We discussed the problem so thoroughly

---

**Section : - English Language**

**Question : -47 A train running at the speed of 60 km/hr crosses a pole in 9 seconds. What is the length of the train?**

- 120 metres
- 180 metres
- 324 metres
- 150 metres
- 190 metres

Correct Answer : 150 metres

Answer Explaination -

Speed= ( 60 x 5 / 18) m/sec = 50 /3 m/sec.
Length of the train = (Speed x Time).
Length of the train = 50 x 9 / 3 m = 150 m.

---