

DAILY QUESTIONS

20TH MAY 2018 REASONING

(NUMBER SERIES)

Q.1) 15, 38, 27, 50, 39, 62, ?

*[a] 51

[b] 52

[c] 54

[d] 55

Solution (a)

The given logic is as follows-

15^{+23} , 38^{-11} , 27^{+23} , 50^{-11} , 39^{+23} , 62^{-11} , 51

Q.2) 97, 89, 83, 79, 73, ?

[a] 67

[b] 69

[c] 66

*[d] 71

Solution (d)

The given series is a consecutive prime numbers in the descending order starting from 97.

Q.3) 15, 16, 20, 29, 45, ?

[a] 60

*[b] 70

[c] 72

[d] 75

Solution (b)

The given logic is as follows-

15^{+1} , 16^{+4} , 20^{+9} , 29^{+16} , 45^{+25} , 70

And these addition numbers are got by –

$1^2, 2^2, 3^2, 4^2, 5^2$

Q.4) 4, 1335, 2335, 3064, 3576, ?

*[a] 3919

[b] 3864

[c] 3909

[d] 4016

Solution (a)

$4^{+1331}, 1335^{+1000}, 2335^{+729}, 3064^{+512}, 3576^{+343}, 3919$

And these addition numbers are got by

$11^3=1331, 10^3=1000, 9^3=729, 8^3=512, 7^3=343$

Q.5) 10, 14, 22, 38, 70, ?

[a] 130

*[b] 134

[c] 138

[d] 140

Solution (b)

The given logic is as follows-

$10^{+4}, 14^{+8}, 22^{+16}, 38^{+32}, 70^{+64}, 134$

Where, $4 \times 2 = 8$

$8 \times 2 = 16$

$16 \times 2 = 32$

And so on..