cracku

SSC GD Questions for Number Series

Instructions

For the following questions answer them individually

Question 1

In the following question, select the missing number from the given series:
6, 19, 54, 167, 494, ?

A 1491

B 1553

C 1361

D 1642

Answer: A

Question 2

In the following question, select the missing number from the given series:
67, 70, 74, 77, 81, 84 ?

A 87

B 88

C 86

D 89

Answer: B

Question 3

In the following question, a series is given with one or more number (s) missing. Choose the correct alternative from the given options.
22, 22, 23, 20, 16, 17, 17, ?, ?, 8

A 18, 9

B 12, 13

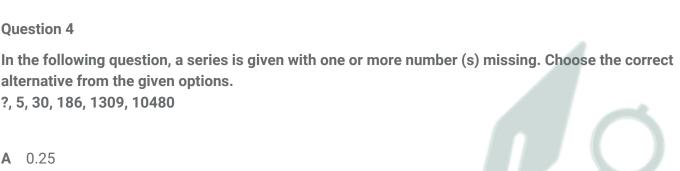**C** 10, 9

D 13, 10

Answer: D

Question 4

In the following question, a series is given with one or more number (s) missing. Choose the correct alternative from the given options.
?, 5, 30, 186, 1309, 10480

A   0.25

B   0.75

C   1.00

D   0

   Answer: A

Question 5

In the following question, a series is given with one or more number (s) missing. Choose the correct alternative from the given options.
7, 51, 8, 65, 9, ?

A   79

B   80

C   81

D   82

   Answer: C

Question 6

In the following question, a series is given with one or more number (s) missing. Choose the correct alternative from the given options.
0.2, 0.16, 0.072, 0.0256, ?

A   0.0016

B   0.004

C   0.00512

D   0.008

   Answer: D

Question 7

Which of the following replaces '?' in the following series?
10,21,45,84,500,?

A 1050

B 1045

C 985

D 1025

Answer: D

Explanation:
Difference between the numbers is in the form of $[x][x^2]$

$10 + [1][1^2] = 10 + 11 = 21$
$21 + [2][2^2] = 21 + 24 = 45$
$45 + [3][3^2] = 45 + 39 = 84$
$84 + [4][4^2] = 84 + 416 = 500$

Next number:
$500 + [5][5^2] = 500 + 525 = 1025$

Instructions

In the following question, select the missing number from the given series.

Question 8

84, 42, 44, 22, 24, 12, ?

A 20

B 14

C 24

D 28

Answer: B

Question 9

1, 4, 13, 40, 121, ?

A 284

B 286

C 364

D 396

Answer: C

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Instructions

In the following question, select the missing number from the given series.

Question 10

2, 7, 22, 67, ?

A 197

B 198

C 200

D 202

Answer: D

Question 11

1, 8, 29, 92, 281, ?

A 567

B 628

C 776

D 848

Answer: D

Instructions

In the following question, select the missing number from the given series.

Question 12

1, 7, 3, 9, 6, 12, 10, 16, 15, ?

A 18

B 15

C 20

D 21

    Answer: D

Question 13

7, 10, 14, 19, 25, ?

A 32

B 36

C 38

D 40

    Answer: A

Instructions

For the following questions answer them individually

Question 14

In the following question, select the missing number from the given series.
?, 5, 15, 45, 113

A 1

B 2

C 3

D 4

    Answer: C

Question 15

In the following question, select the missing number from the given series.
1, 1, 3, 4, 5, 9, 7, 16, 9, 25, 11, ?

A 17

B 36

C 49

D 37

Answer: B

Instructions

In the following question, select the missing number from the given series.

Question 16

2.2, 14.8, 40, 90.4, ?

A 191.2

B 194.4

C 196.2

D 208.4

   Answer: A

Question 17

84, 42, 28, 21, ?

A 10.5

B 16.8

C 18.4

D 19.6

   Answer: B

Instructions

For the following questions answer them individually

Question 18

**In the following series find 20th number
9, 5, 1, -3 -7, -11,........**

A -64

B -75

C -70

D -67

Answer: D

Explanation:

The given series is an arithmetic progression with first term $a = 9$ and common difference $d = -4$

n^{th} term in an A.P. = $A_n = a + (n-1)d$

=> $A_{20} = 9 + (20 - 1) \times (-4)$

= $9 + (19)(-4)$

= $9 - 76 = -67$

=> Ans - (D)

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Instructions

A series is given, with one from missing, Choose the correct alternative from the given ones that will complete the series.

Question 19

16, 61, 25, 52, 36, 63, 49, ?

A 36

B 94

C 72

D 46

Answer: B

Explanation:

Series : 16, 61, 25, 52, 36, 63, 49, ?

In pairs of two, square of natural numbers and their reverse is written.

Eg :- 16 and 61, 25 and 52, 36 and 63

Similarly, reverse of 49 = **94**

=> Ans - (B)

Instructions

For the following questions answer them individually

Question 20

Find the wrong number in the given series ?
15, 28, 30, 39, 48

A 28

B   15

C   30

D   39

Answer: E

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