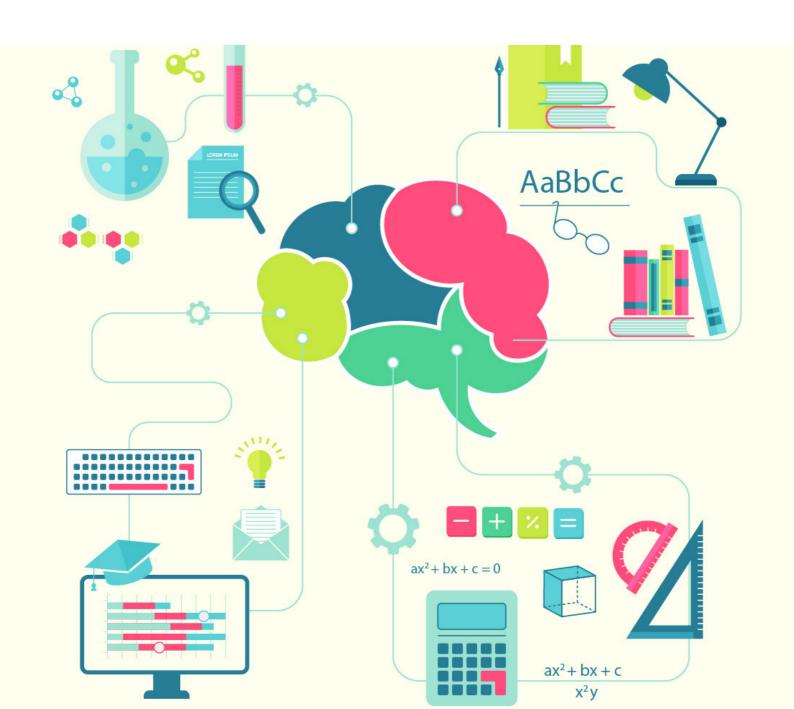
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IBPS Clerk Number Series Questions PDF

25 Oct 2017



Instructions:

In each of these question a number series is given. In each series only one number is wrong. Find out the wrong numbers

Question 1:

1, 4, 15, 64 325, 1955

A. 15

B. 64

C. 325

D. 1955

E. None of these

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Question 2:

6, 12, 21, 33, 49, 66

A. 21

B. 33

C. 49

D. 66

E. None of these

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Question 3:

6, 11.5, 19, 28.5, 41

A. 6

B. 11.5

C. 41

D. 28.5

E. None of these

Question 4:

5, 26, 82, 214, 401, 702

A. 26

B. 82

C. 214

D. 401

E. None of these

Question 5:

5,20,73,274,1049

A. 20

B. 73

C. 274

D. 1049

E. None of these

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Question 6:

3601, 3602, 1803, 604, 154, 36, 12

A. 3602

B. 1803

C. 604

D. 154

E. 36

Question 7:

4, 12, 42, 196, 1005, 6066, 42511

A. 12

B. 42

C. 1005

D. 196

E. 6066

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Question 8:

2, 8, 12, 20, 30, 42, 56

A. 8

B. 42

C. 30

D. 20

E. 12

IBPS Clerk 2017 Syllabus





Question 9:

32, 16, 24, 65, 210, 945, 5197.5

A. 945

B. 16

C. 24

D. 210

E. 65

Question 10:

7, 13, 25, 49, 97, 194, 385

A. 13

B. 49

C. 97

D. 194

E. 25

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Solutions:

1) Answer (D)

$$4 = 1*2+2$$
; $15 = 4*3+3$; $64 = 15*4+4$; $325 = 64*5+5$; $1956 = 325*6+6$

The nth term is of the form,

$$T_n = (T_{n-1} \times n) + n$$

The last term does not follow the pattern and is thus the wrong number in the sequence.



2) Answer (C)

$$2*2+2=6$$
; $3*3+3=12$; $4*4+5=21$; $5*5+8=33$; $6*6+12=48$

3) Answer (C)

$$1.5*2 + 3 = 6$$

$$3.5*4 + 5 = 19$$

$$4.5*5 + 6 = 28.5$$

$$5.5*6 + 7 = 40$$

4) Answer (C)

5) Answer (C)

$$1^2 + 4 = 5$$
; $2^2 + 16 = 20$; $3^2 + 64 = 73$; $4^2 + 256 = 272$; $5^2 + 1024 = 1049$

6) Answer (D)

In the given series, nth term is obtained by - (Previous term/(n-1)) +(n-1).

Hence the 5th term should be (604/4)+4 = 155.

However 5th term is given as 154.

Hence, 154 is wrong term in the given series.

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7) Answer (B)

In this question, the nth term is obtained by (previous term $*n + n^2$).

Hence, after 12, the number would be (12*3+9)= 45

Therefore, the correct option is 45.

8) Answer (A)

Here the consecutive difference between the terms is incremented by 2 for the series.

Hence, after 2, the number should be 6.

9) Answer (E)

Here the sucessive numbers are multiplied by .5,1.5.2.5....

Hence, in place of 65 the number should be 24*2.5=60.

Therefore, the incorrect number for series is 65.

10) Answer (D)

Here, in this series, the nth term is (previous term + $6 * 2^{n-2}$)

Hence, in place of 194 the term should be $(97 + 6 * 2^4) = 193$

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