

**Course: IBPS PO Prelims**

**Subject: Wrong Series**

**Time:10 Minutes**

**Published Date: 17<sup>th</sup> September 2020**

**Directions (1-15):** निम्नलिखित संख्या श्रृंखला में वह गलत पद ज्ञात कीजिए जो उस पैटर्न का अनुसरण नहीं करता है जो पैटर्न संख्या श्रृंखला में दी गई अन्य संख्याओं द्वारा अनुसरण किया गया है-

Q1. 12, 8, 16, 48, 169, Q1. 630, 315, 210, 156, 126, 105, 90

- (a) 126
- (b) 156
- (c) 105
- (d) 315
- (e) 90

L1Difficulty 2

QTagsWrong Series

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Q2. 15, 29, 57, 99, 153, 225, 309

- (a) 225
- (b) 309
- (c) 57
- (d) 99
- (e) 153

L1Difficulty 2

QTagsWrong Series

QCreatorDeepak Rohilla

Q3. 7, 10, 15, 24, 41, 74, 141

- (a) 141
- (b) 41
- (c) 10
- (d) 74
- (e) 7

L1Difficulty 2

QTagsWrong Series

QCreatorDeepak Rohilla

Q4. 259, 253, 245, 229, 197, 133, 5

- (a) 5
- (b) 197
- (c) 259
- (d) 253

(e) 133

L1Difficulty 2

QTagsWrong Series

QCreatorDeepak Rohilla

Q5. 945, 1890, 1260, 504, 144, 30

(a) 945

(b) 144

(c) 30

(d) 504

(e) Series is correct

L1Difficulty 2

QTagsWrong Series

QCreatorDeepak Rohilla

Q6. 9, 5, 9, 24, 49, 84, 129

(a) 24

(b) 129

(c) 5

(d) 9

(e) 84

L1Difficulty 2

QTagsWrong Series

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Q7. 205, 194, 172, 139, 95, 39

(a) 95

(b) 39

(c) 205

(d) 194

(e) 40

L1Difficulty 2

QTagsWrong Series

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Q8. 8, 7, 12, 32, 128, 635, 3804

(a) 635

(b) 12

(c) 7

(d) 32

(e) 3804

L1Difficulty 2

QTagsWrong Series

QCreatorDeepak Rohilla

Q9. 9, 6, 11, 4, 13, 2, 17

- (a) 13
- (b) 17
- (c) 9
- (d) 4
- (e) Series is correct

L1Difficulty 2

QTagsWrong Series

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Q10. 10, 27, 54, 88, 132, 185, 247

- (a) 54
- (b) 247
- (c) 88
- (d) 185
- (e) 10

L1Difficulty 2

QTagsWrong Series

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Q11. 10, 15, 24, 35, 54, 75, 100

- (a) 35
- (b) 75
- (c) 24
- (d) 15
- (e) 54

L1Difficulty 2

QTagsWrong Series

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Q12. 3, 2, 3, 6, 12, 37.5, 115.5

- (a) 37.5
- (b) 3
- (c) 6
- (d) 2
- (e) 12

L1Difficulty 2

QTagsWrong Series

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Q13. 2, 3, 11, 38, 102, 229, 443

- (a) 11
- (b) 229
- (c) 102
- (d) 38
- (e) 3

L1Difficulty 2

QTagsWrong Series

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Q14. 13, 25, 40, 57, 79, 103, 130

(a) 25

(b) 40

(c) 57

(d) 79

(e) 103

L1Difficulty 2

QTagsWrong Series

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Q15. 142, 119, 100, 83, 65, 59, 52

(a) 65

(b) 100

(c) 59

(d) 119

(e) 52

L1Difficulty 2

QTagsWrong Series

QCreatorDeepak Rohilla

### Solutions

S1. Ans. (b)

Sol.

The pattern of the series is -

$$\times \frac{1}{2}, \quad \times \frac{2}{3}, \quad \times \frac{3}{4}, \quad \times \frac{4}{5}, \quad \times \frac{5}{6}, \quad \times \frac{6}{7}$$

$$\text{So, } 630 \times \frac{1}{2} = 315$$

$$315 \times \frac{2}{3} = 210$$

$$210 \times \frac{3}{4} = 157.5$$

$$157.5 \times \frac{4}{5} = 126$$

$$126 \times \frac{5}{6} = 105$$

$$105 \times \frac{6}{7} = 90$$

So, there should be 157.5 instead of 156.

S2. Ans. (e)

Sol.

The pattern of the series is -

$$\begin{aligned}
15 + 14 \times 1 &= 29 \\
29 + 14 \times 2 &= 57 \\
57 + 14 \times 3 &= 99 \\
99 + 14 \times 4 &= 155 \\
155 + 14 \times 5 &= 225 \\
225 + 14 \times 6 &= 309
\end{aligned}$$

So, there should be 155 instead of 153.

S3. Ans. (a)

Sol.

The pattern of the series is –

$$\begin{aligned}
7 \times 2 - 4 &= 10 \\
10 \times 2 - 5 &= 15 \\
15 \times 2 - 6 &= 24 \\
24 \times 2 - 7 &= 41 \\
41 \times 2 - 8 &= 74 \\
74 \times 2 - 9 &= 139
\end{aligned}$$

So, there should be 139 instead of 141.

S4. Ans. (c)

Sol.

The pattern of the series is –

$$\begin{aligned}
257 - 4 &= 253 \\
253 - 8 &= 245 \\
245 - 16 &= 229 \\
229 - 32 &= 197 \\
197 - 64 &= 133 \\
133 - 128 &= 5
\end{aligned}$$

So, there should be 257 instead of 259.

S5. Ans. (c)

Sol.

The pattern of the series is –

$$\begin{aligned}
945 \div 0.5 &= 1890 \\
1890 \div 1.5 &= 1260 \\
1260 \div 2.5 &= 504 \\
504 \div 3.5 &= 144 \\
144 \div 4.5 &= 32
\end{aligned}$$

So, there should be 32 instead of 30.

S6. Ans. (c)

Sol.

The pattern of the series is –

$$\begin{aligned}
-5, +5, +15, +25, +35, +45 \\
9 - 5 &= 4 \\
4 + 5 &= 9
\end{aligned}$$

$$\begin{aligned}
 9 + 15 &= 24 \\
 24 + 25 &= 49 \\
 49 + 35 &= 84 \\
 84 + 45 &= 129
 \end{aligned}$$

So, there should be 4 instead of 5.

S7. Ans. (b)

Sol.

The pattern of the series is -

$$\begin{aligned}
 205 - 11 &= 194 \\
 194 - 22 &= 172 \\
 172 - 33 &= 139 \\
 139 - 44 &= 95 \\
 95 - 55 &= 40
 \end{aligned}$$

So, there should be 40 instead of 39.

S8. Ans. (d)

Sol.

The pattern of the series is -

$$\begin{aligned}
 8 \times 1 - 1 &= 7 \\
 7 \times 2 - 2 &= 12 \\
 12 \times 3 - 3 &= 33 \\
 33 \times 4 - 4 &= 128 \\
 128 \times 5 - 5 &= 635 \\
 635 \times 6 - 6 &= 3804
 \end{aligned}$$

S9. Ans. (b)

Sol.

The pattern of the series is -

$$-3, +5, -7, +9, -11, +13$$

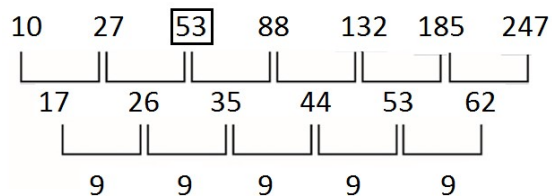
$$\begin{aligned}
 9 - 3 &= 6 \\
 6 + 5 &= 11 \\
 11 - 7 &= 4 \\
 4 + 9 &= 13 \\
 13 - 11 &= 2 \\
 2 + 13 &= 15
 \end{aligned}$$

So, there should be 15 instead of 17.

S10. Ans. (a)

Sol.

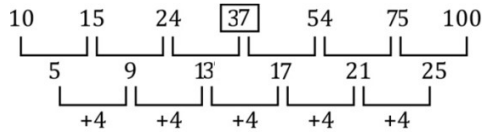
The pattern of the series is -



So, there should be 53 instead of 54.

S11. Ans.(a)

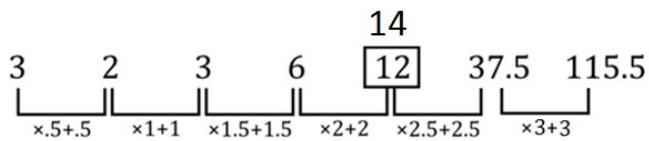
Sol.



Clearly replace 35  $\rightarrow$  37

S12. Ans.(e)

Sol.

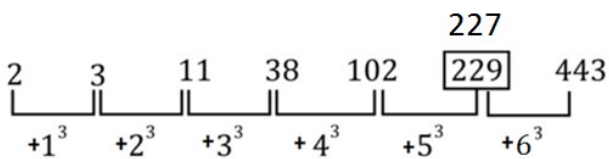


$$6 \times 2 + 2 = 14$$

Replace 12 with 14

S13. Ans.(b)

Sol.

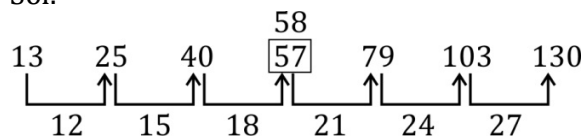


$$102 + 125 = 227$$

Replace 229  $\rightarrow$  227

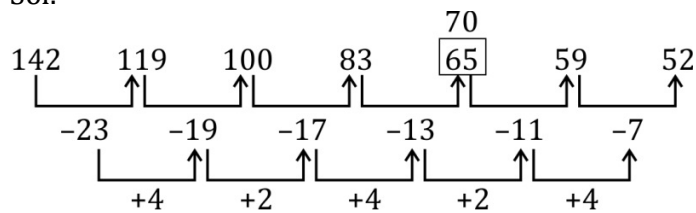
S14. Ans.(c)

Sol.



S15. Ans.(a)

Sol.



Replace 65  $\rightarrow$  70