

Course: IBPS PO Pre

Subject: : Wrong Series

Time:10 Minutes

Published Date: 13th August 2020

Directions (1-15): दिए गए संख्या श्रृंखला पैटर्न में गलत पद ज्ञात कीजिए-

Q1. 23 , 25 , 28 , 33, 40, 49

(a) 25

(b) 28

(c) 49

(d) 33

(e) 40

L1Difficulty 2

QTagsWrong Series

QCreator Deepak Rohilla

Q2. 37, 148, 306, 511, 765, 1062

(a) 765

(b) 148

(c) 306

(d) 511

(e) 1062

L1Difficulty 2

QTagsWrong Series

QCreator Deepak Rohilla

Q3. 24 , 72, 144, 432, 864, 1728

(a) 72

(b) 144

(c) 432

(d) 1728

(e) 864

L1Difficulty 2

QTagsWrong Series

QCreator Deepak Rohilla

Q4. 27, 35, 48, 108, 133, 349

(a) 133

(b) 108

(c) 35

(d) 349

(e) 48

L1Difficulty 2

QTagsWrong Series

QCreator Deepak Rohilla

Q5. 4, 2, 3, 6, 16, 68

(a) 68

(b) 16

(c) 2

(d) 3

(e) 6

L1Difficulty 2

QTagsWrong Series

QCreator Deepak Rohilla

Q6. 120, 28, 6, 2, 1, 1

(a) 6

(b) 120

(c) 2

(d) 1

(e) 28

L1Difficulty 2

QTagsWrong Series

QCreator Deepak Rohilla

Q7. 1, 2, 4, 8, 18, 32

(a) 2

(b) 8

(c) 6

(d) 18

(e) 32

L1Difficulty 2

QTagsWrong Series

QCreator Deepak Rohilla

Q8. 5, 86, 174, 276, 399, 558, 736

(a) 276

(b) 736

(c) 558

(d) 86

(e) 399

L1Difficulty 2

QTagsWrong Series

QCreator Deepak Rohilla

Q9. 27, 135, 343, 729, 1331, 2197

(a) 135

(b) 343

(c) 729

(d) 1331

(e) 2197

L1Difficulty 2

QTagsWrong Series

QCreator Deepak Rohilla

Q10. 4, 6, 12, 24, 44, 76

(a) 76

(b) 4

(c) 24

(d) 44

(e) 12

L1Difficulty 2

QTagsWrong Series

QCreator Deepak Rohilla

Q11. 68, 130, 222, 336, 520, 720

(a) 68

(b) 130

(c) 222

(d) 336

(e) 720

L1Difficulty 2

QTagsWrong Series

QCreator Deepak Rohilla

Q12. 56, 89, 136.5, 212.75, 324.125, 491.1875

(a) 89

(b) 491.1875

(c) 56

(d) 136.5

(e) 212.75

L1Difficulty 2

QTagsWrong Series

QCreator Deepak Rohilla

Q13. 87, 116, 174, 261, 397, 522

(a) 397

(b) 174

(c) 261

(d) 87

(e) 522

L1Difficulty 2

QTagsWrong Series

QCreator Deepak Rohilla

Q14. 670, 736, 792, 850, 890, 972

(a) 736

(b) 792

(c) 890

(d) 670

(e) 850

L1Difficulty 2

QTagsWrong Series

QCreator Deepak Rohilla

Q15. 273, 249, 373, 337, 553, 504

(a) 249

(b) 373

(c) 273

(d) 337

(e) 504

L1Difficulty 2

QTagsWrong Series

QCreator Deepak Rohilla

Solutions

S1. Ans.(c)

Sol. $23 \quad 25 \quad 28 \quad 33 \quad 40 \quad 51$
 | | | | |
 +2 +3 +5 +7 +11

S2. Ans.(a)

Sol. $37 \quad 148 \quad 306 \quad 511 \quad 763 \quad 1062$
 | | | | |
 111 158 205 252 299
 | | | |
 47 47 47 47

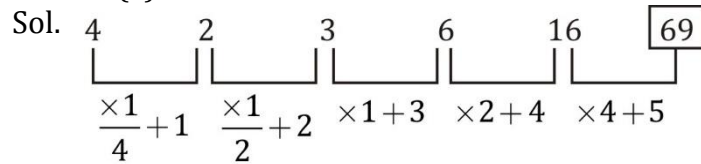
S3. Ans.(d)

Sol. $24 \quad 72 \quad 144 \quad 432 \quad 864 \quad 2592$
 | | | | |
 $\times 3$ $\times 2$ $\times 3$ $\times 2$ $\times 3$

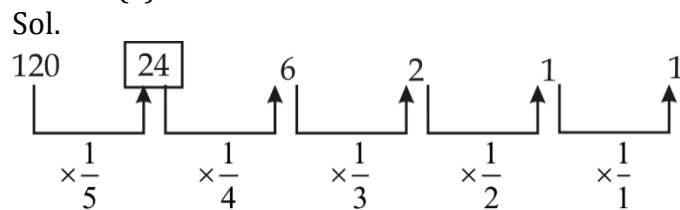
S4. Ans.(e)

Sol. Pattern is
 $+2^3, +3^2, +4^3, +5^2, +6^3$
 So, $35 + 3^2 = 44$

S5. Ans.(a)

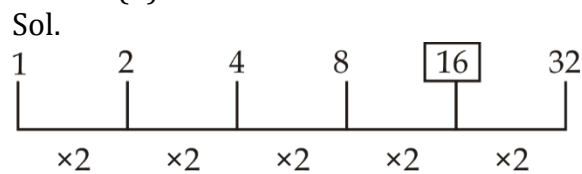


S6. Ans.(e)



Wrong Number = 28
 Right number = $120/5 = 24$

S7. Ans.(d)

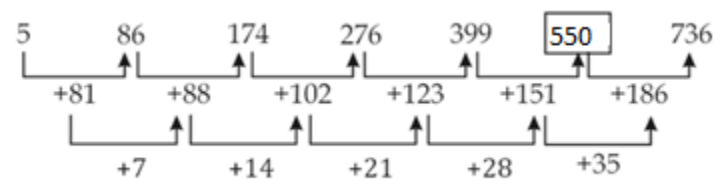


Wrong Number = 18
 Right number = $8 \times 2 = 16$

S8. Ans(c)

Sol.

Wrong number = 558



So, there should be 550 instead of 558.

S9. Ans.(a)

Sol.

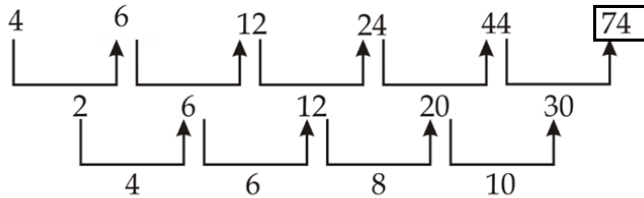
27	125	343	729	1331	2197
↑	↑	↑	↑	↑	↑
3^3	5^3	7^3	9^3	11^3	13^3

Wrong Number = 135

Right number = 125

S10. Ans.(a)

Sol.



Wrong Number = 76

Right number = $44+30=74$

S11. Ans.(b)

Sol.

The series is $4^3 + 4, 5^3 - 5, 6^3 + 6, 7^3 - 7, 8^3 + 8, 9^3 - 9, \dots$

i.e.

$$4^3 + 4 = 68,$$

$$5^3 - 5 = \mathbf{120},$$

$$6^3 + 6 = 222,$$

$$7^3 - 7 = 336,$$

$$8^3 + 8 = 520,$$

$$9^3 - 9 = 720.$$

Hence there should be 120 in place of **130**.

S12. Ans.(d)

Sol.

The series is $\times 1.5 + 5, \times 1.5 + 5, (\text{repeated})$

i.e.

$$56 \times 1.5 + 5 = 89,$$

$$89 \times 1.5 + 5 = \mathbf{138.5},$$

$$138.5 \times 1.5 + 5 = 212.75,$$

$$212.75 \times 1.5 + 5 = 324.125,$$

$$324.125 \times 1.5 + 5 = 491.1875,$$

Hence there should 138.5 in place of 136.5.

S13. Ans.(a)

Sol.

The series is $+29, +58, +87, +116, +145, \dots$

i.e.

$$\begin{aligned}87 + 29 &= 116, \\116 + 58 &= 174, \\174 + 87 &= 261, \\261 + 116 &= \mathbf{377}, \\377 + 145 &= 522,\end{aligned}$$

Hence there should be 377 in place of 397.

S14. Ans.(b)

The series is

$$26^2 - 6 = 670,$$

$$\begin{aligned}27^2 + 7 &= 736, \\28^2 - 8 &= 776, \\29^2 + 9 &= 850, \\30^2 - 10 &= 890, \\31^2 + 11 &= 972, \dots\end{aligned}$$

Hence these should be 776 in place of 792.

S15. Ans.(a)

Sol.

The series is

$$\begin{aligned}273 - 5^2 &= \mathbf{248}, \\248 + 5^3 &= 373, \\373 - 6^2 &= 337, \\337 + 6^3 &= 553, \\553 - 7^2 &= 504, \dots\end{aligned}$$

Hence there should be 248 in place of **249**.