

Course: SBI PO Pre

Subject: Missing Series

Time:10 Minutes

Published Date: 20th May 2020

Directions (1-15): निम्नलिखित प्रश्न में प्रश्नवाचक चिन्ह (?) के स्थान पर क्या मान आएगा ?

Q1. 4, 4, 6, 12, 30, ?

(a) 84

(b) 90

(c) 120

(d) 105

(e) 75

L1Difficulty 2

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Q2. 3, 16, 33, 59, ?, 168

(a) 101

(b) 99

(c) 103

(d) 105

(e) 97

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreatorDeepak Rohilla

Q3. 2, 1, 2, 9, 62, ?

(a) 309

(b) 433

(c) 557

(d) 681

(e) 495

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreatorDeepak Rohilla

Q4. 0, 24, 120, 336, ?, 1320

(a) 1322

(b) 738

(c) 504

(d) 720

(e) 991

L1Difficulty 2

QTagsMISSING SERIES Quant

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Q5. 5, 105, 41, 77, 61, ?

(a) 56

(b) 65

(c) 60

(d) 62

(e) 67

L1Difficulty 2

QTagsMISSING SERIES Quant

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Q6. 4, 21, 56, 115, 204, ?

(a) 319

(b) 327

(c) 323

(d) 329

(e) 339

L1Difficulty 2

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Q7. $\frac{1}{3}, 1, \frac{7}{3}, \frac{13}{3}, 7, \frac{31}{3}, ?$

(a) 9

(b) $\frac{43}{3}$

(c) $\frac{38}{3}$

(d) 8

(e) $\frac{37}{3}$

L1Difficulty 2

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Q8. 3, 7, 13, 21, ?, 43

(a) 45

(b) 35

(c) 31

(d) 40

(e) 38

L1Difficulty 2

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Q9. 14, 27, 82, 327, 1636, ?

(a) 9916

(b) 9815

(c) 9906

(d) 9705

(e) 9601

L1Difficulty 2

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Q10. 7, 15, ?, 88, 113, 329

(a) 27

(b) 25

(c) 24

(d) 31

(e) 26

L1Difficulty 2

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Q11. 282, 286, 302, ?, 402, 502

(a) 366

(b) 318

(c) 326

(d) 338

(e) 342

L1Difficulty 2

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Q12. 2187, 729, 243, 81, 27, 9, ?

(a) 36

(b) 3

(c) 18

(d) 6

(e) 4

L1Difficulty 2

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Q13. 384, 381, 372, 345, 264, ?

(a) 23

(b) 25

(c) 43

(d) 24

(e) 21

L1Difficulty 2

QTagsMISSING SERIES Quant

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Q14. 5, 9, 18, 34, 59, 95, ?

(a) 144

(b) 160

(c) 124

(d) 154

(e) 164

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreatorDeepak Rohilla

Q15. 8, 15, 36, 99, 288, ?

(a) 368

(b) 676

(c) 908

(d) 855

(e) 865

L1Difficulty 2

QTagsMISSING SERIES Quant

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Solutions

S1. Ans.(b)

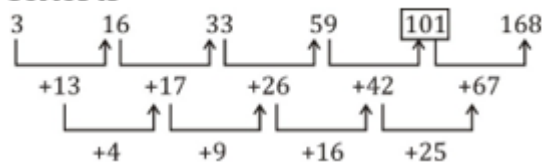
The pattern is

$\times 1, \times 1.5, \times 2, 2.5, \times 3$

Sol. $\therefore ? = 30 \times 3 = 90$

S2. Ans.(a)

Series is



Sol.

S3. Ans.(c)

Series is

$$2 \times 1 - 1 = 1$$

$$1 \times 3 - 1 = 2$$

$$2 \times 5 - 1 = 9$$

$$9 \times 7 - 1 = 62$$

Sol. $62 \times 9 - 1 = 557$

S4. Ans.(d)

Series is

$$1^3 - 1 = 0$$

$$3^3 - 3 = 24$$

$$5^3 - 5 = 120$$

$$7^3 - 7 = 336$$

$$9^3 - 9 = 720$$

Sol. $11^3 - 11 = 1320$

S5. Ans.(b)

Pattern is

$$+100, -64, +36, -16, +4$$

$$\therefore ? = 61 + 4 = 65$$

Sol.

S6. Ans. (d)

Pattern is $(2^3 - 4), (3^3 - 6), (4^3 - 8), (5^3 - 10), \dots$

Hence,

$$? = 7^3 - 14 = 329$$

Sol.

S7. Ans. (b)

Pattern is $+\frac{2}{3}, +\frac{4}{3}, +\frac{6}{3}, \dots$

$$\text{Hence, } ? = \frac{31}{3} + \frac{12}{3} = \frac{43}{3}$$

Sol.

S8. Ans. (c)

series is $+4, +6, +8, +10, +12,$

Sol. Hence, $? = (21 + 10) = 31$

S9. Ans.(b)

Pattern is $\times 2-1, \times 3+1, \times 4-1, \times 5+1, \times 6-1$

$$\therefore ? = 1636 \times 6 - 1 = 9815$$

Sol.

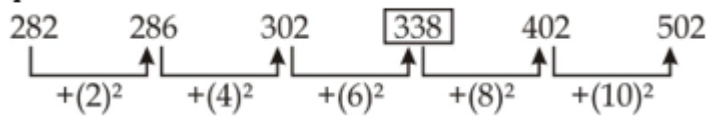
S10. Ans. (c)

Pattern is $+2^3, +3^2, +4^3, +5^2, +6^3$

Sol. Hence required no. ? = $15 + 3^2 = 24$

S11. Ans.(d)

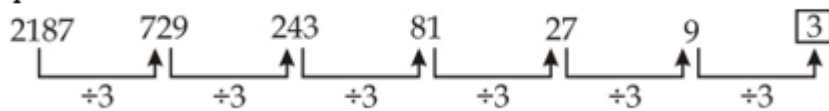
pattern is



Sol.

S12. Ans.(b)

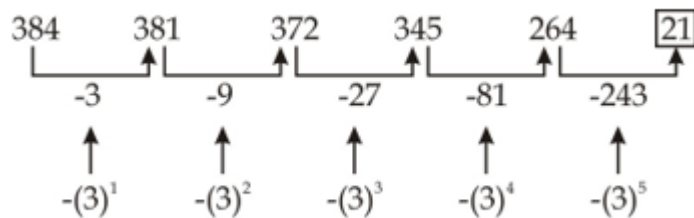
pattern is



Sol.

S13. Ans.(e)

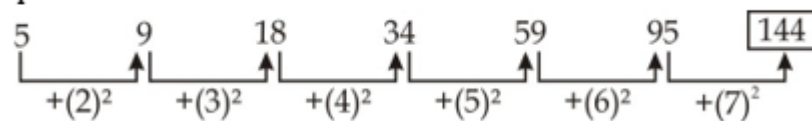
Pattern is



Sol.

S14. Ans.(a)

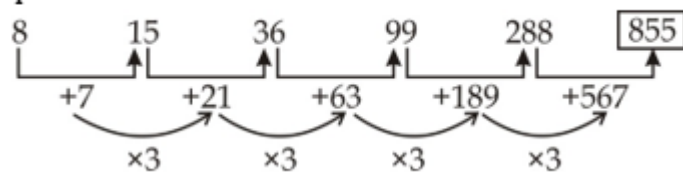
pattern is



Sol.

S15. Ans.(d)

pattern is



Sol.