

Course: IBPS RRB Prelims

Subject: Missing Series

Time: 10 Minutes

Published Date: 12th August 2020

Directions (1-15): निम्नलिखित संख्या श्रृंखला में प्रश्नवाचक चिह्न (?) के स्थान पर क्या मान आएगा?

Q1. 24, 12, 12, 18, 36, ?

(a) 94

(b) 78

(c) 86

(d) 90

(e) 82

L1Difficulty 2

QTagsMISSING SERIES Quant

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Q2. 270, 225, 189, 162, 144, ?

(a) 132

(b) 135

(c) 138

(d) 136

(e) 133

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreatorDeepak Rohilla

Q3. 12, 13, 22, 47, 96, ?

(a) 177

(b) 217

(c) 196

(d) 160

(e) 172

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreatorDeepak Rohilla

Q4. 15, 16, 34, 105, 424, ?

(a) 2025

(b) 2120

(c) 2125

(d) 1845

(e) 1600

L1Difficulty 2

QTagsMISSING SERIES Quant
QCreatorDeepak Rohilla

Q5. 3, 5, 15, 45, 113, ?

- (a) 233
- (b) 238
- (c) 223
- (d) 228
- (e) 243

L1Difficulty 2

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Q6. 121, 144, 190, 259, ?, 466

- (a) 351
- (b) 349
- (c) 374
- (d) 328
- (e) 381

L1Difficulty 2

QTagsMISSING SERIES Quant
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Q7. 8, 64, 216, 512, 1000, 1728, ?

- (a) 4096
- (b) 2744
- (c) 3375
- (d) 2197
- (e) 4913

L1Difficulty 2

QTagsMISSING SERIES Quant
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Q8. 3, 4, 10, 33, 136, 685, ?

- (a) 3430
- (b) 4802
- (c) 5145
- (d) 4116
- (e) 5488

L1Difficulty 2

QTagsMISSING SERIES Quant
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Q9. 16, 12, 18, 40.5, 121.5, 455.625, ?

- (a) 2050.1125
- (b) 2050.2125

(c) 2050.3125

(d) 2050.4125

(e) 2050.5125

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreatorDeepak Rohilla

Q10. 4, 18, 48, 100, 180, 294, ?

(a) 448

(b) 424

(c) 436

(d) 460

(e) 412

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreatorDeepak Rohilla

Q11. 4, 1, 0.5, 0.5, 1, ?

(a) 4

(b) 5

(c) 6

(d) 4.5

(e) 5.5

L1Difficulty 2

QTagsMISSING SERIES Quant

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Q12. 6, 9, 18, 45, 126, ?

(a) 396

(b) 369

(c) 362

(d) 364

(e) 352

L1Difficulty 2

QTagsMISSING SERIES Quant

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Q13. 2, 4.5, 9.5, 19.5, 39.5, ?

(a) 75.5

(b) 77.5

(c) 79.5

(d) 83.5

(e) 69.5

L1Difficulty 2

QTagsMISSING SERIES Quant

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Q14. 677, 785, 901, 1025, ?, 1297

(a) 1162

(b) 1157

(c) 1297

(d) 1264

(e) 1257

L1Difficulty 2

QTagsMISSING SERIES Quant

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Q15. 1, 4, 15, 64, 325, ?

(a) 1856

(b) 1844

(c) 1952

(d) 1956

(e) 1786

L1Difficulty 2

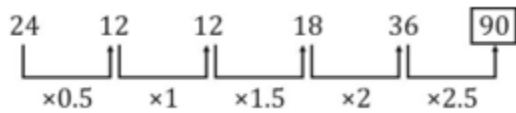
QTagsMISSING SERIES Quant

QCreatorDeepak Rohilla

Solutions

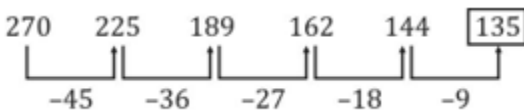
S1. Ans.(d)

Sol.



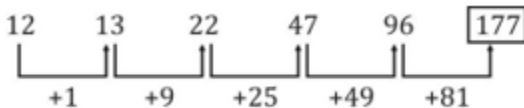
S2. Ans.(b)

Sol.



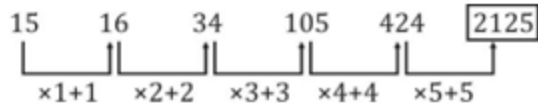
S3. Ans.(a)

Sol.



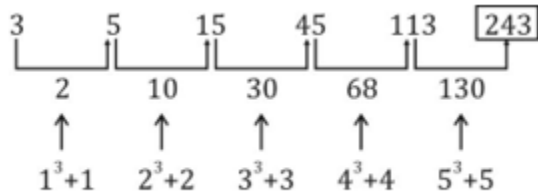
S4. Ans.(c)

Sol.



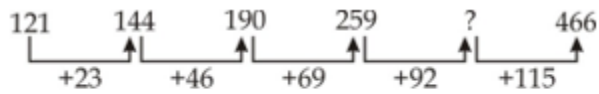
S5. Ans.(e)

Sol.



S6. Ans.(a)

Sol.



$$\therefore 259 + 92$$

$$= 351$$

S7. Ans.(b)

Sol.

Pattern is

$$2^3, 4^3, 6^3, 8^3, 10^3, 12^3, 14^3$$

$$\therefore ? = 2744$$

S8. Ans.(d)

Sol.

Pattern is

$$\times 1+1, \times 2+2, \times 3+3, \times 4+4, \times 5+5, \times 6+6$$

$$\therefore ? = 685 \times 6 + 6$$

$$? = 4116$$

S9. Ans.(c)

Sol.

Pattern is

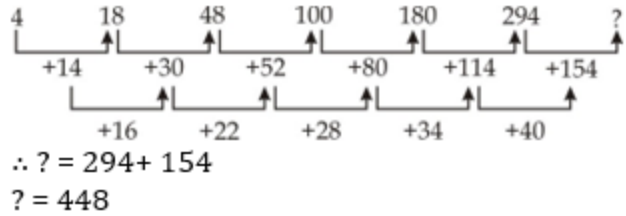


$$\therefore ? = 455.625 \times 4.5$$

$$= 2050.3125$$

S10. Ans.(a)

Sol.



S11. Ans.(a)

Sol.

Series is

$\times 0.25, \times 0.5, \times 1, \times 2, \times 4$

S12. Ans.(b)

Sol.

Series is $+3^1, +3^2, +3^3, +3^4, +3^5$

$\therefore ? = 126 + 243$

$= 369$

S13. Ans.(c)

Sol.

Series is $+2.5, +5, +10, +20, +40$

$\therefore ? = 39.5 + 40$

$= 79.5$

S14. Ans.(b)

Sol.

Series is

$26^2 + 1 = 677$

$28^2 + 1 = 785$

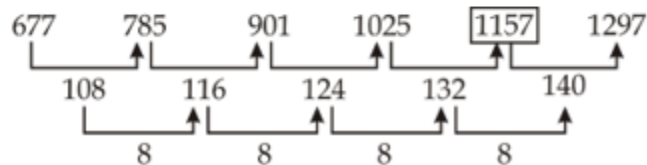
$30^2 + 1 = 901$

$32^2 + 1 = 1025$

$34^2 + 1 = 1157$

$36^2 + 1 = 1297$

OR



S15. Ans.(d)

Sol.

Series is $\times 2+2, \times 3+3, \times 4+4, \times 5+5, \times 6+6$

$$\therefore ? = 325 \times 6 + 6 = 1956$$