

Course: SBI PO & IBPS Prelims
Subject: Missing Series quant

Time:12 Minutes

Published Date: 19 November 2020

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

Q1. 90, 55, 75, 142.5, ? , 862.5

- (a) 285
- (b) 325
- (c) 470
- (d) 855
- (e) 270

L1Difficulty 3

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q2. 5, 12, 39, 160, ?, 4836

- (a) 850
- (b) 750
- (c) 800
- (d) 805
- (e) 820

L1Difficulty 3

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q3. 1, ?, 7, 31, 151, 911

- (a) 4
- (b) 5
- (c) 2
- (d) 3.5
- (e) 3

L1Difficulty 3

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q4. ?, 16, 64, 8, 128, 4

- (a) 32
- (b) 4
- (c) 8
- (d) 16
- (e) 64

L1Difficulty 3

QTags MISSING SERIES Quant
QCreator AYUSH PANDEY

Q5. 2, 30, 130, 350, ?, 1342

- (a) 712
- (b) 720
- (c) 738
- (d) 742
- (e) 750

L1Difficulty 3

QTags MISSING SERIES Quant
QCreator AYUSH PANDEY

Q6. 821, 784, 743, ?, 653, 600

- (a) 698
- (b) 700
- (c) 721
- (d) 671
- (e) 702

L1Difficulty 3

QTags MISSING SERIES Quant
QCreator AYUSH PANDEY

Q7. 2, 3, 27, 74, ?, 237

- (a) 148
- (b) 121
- (c) 144
- (d) 134
- (e) 178

L1Difficulty 3

QTags MISSING SERIES Quant
QCreator AYUSH PANDEY

Q8. 32, 144, 504, 1260, 1890, ?

- (a) 945
- (b) 2145
- (c) 2560
- (d) 815
- (e) 915

L1Difficulty 3

QTags MISSING SERIES Quant
QCreator AYUSH PANDEY

Q9. 3, 4, 7, 11, 18, ?

- (a) 32
- (b) 25

- (c) 36
- (d) 27
- (e) 29

L1Difficulty 3

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q10. ?, 16, 36, 64, 100, 144

- (a) 8
- (b) 12
- (c) 2
- (d) 4
- (e) 6

L1Difficulty 3

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q11. 11, 14, 27, 67, 148, ?

- (a) 230
- (b) 233
- (c) 237
- (d) 240
- (e) 242

L1Difficulty 3

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q12. 1525, ?, 1505, 1441, 1185, 161

- (a) 1524
- (b) 1507
- (c) 1515
- (d) 1521
- (e) 1522

L1Difficulty 3

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q13. 2, 3, 12, 65, 462, ?

- (a) 2987
- (b) 3287
- (c) 4167
- (d) 4477
- (e) 4850

L1Difficulty 3

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q14. ?, 766, 824, 904, 1017, 1174

- (a) 705
- (b) 722
- (c) 709
- (d) 727
- (e) 719

L1Difficulty 3

QTags MISSING SERIES Quant

QCreator AYUSH PANDEY

Q15. 55, 104, 225, 394, ?, 1044

- (a) 683
- (b) 660
- (c) 675
- (d) 695
- (e) 729

L1Difficulty 3

QTags MISSING SERIES Quant

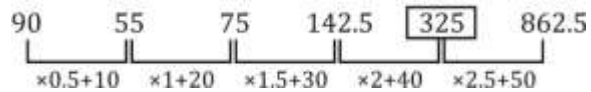
QCreator AYUSH PANDEY

Solution

S1. Ans.(b)

Sol.

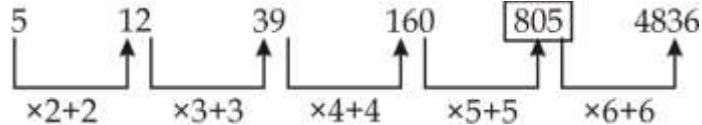
Pattern of series -



S2. Ans.(d)

Sol.

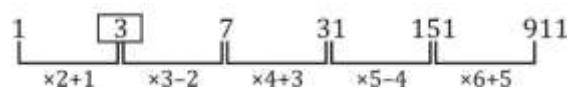
Pattern of series -



S3. Ans.(e)

Sol.

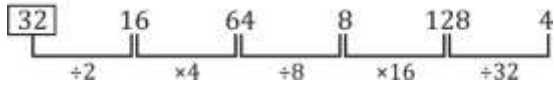
Pattern of series -



S4. Ans.(a)

Sol.

Pattern of series -



S5. Ans.(c)

Sol.

Pattern of series -

$$(1^3 + 1) = 2,$$

$$(3^3 + 3) = 30,$$

$$(5^3 + 5) = 130,$$

$$(7^3 + 7) = 350,$$

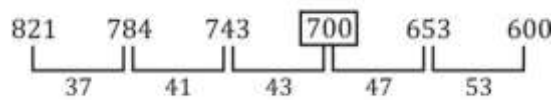
$$(9^3 + 9) = 738,$$

$$(11^3 + 11) = 1342$$

S6. Ans.(b)

Sol.

Pattern of series -

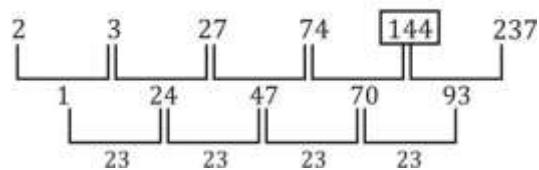


37, 41, 43, 47, 53 are prime numbers.

S7. Ans.(c)

Sol.

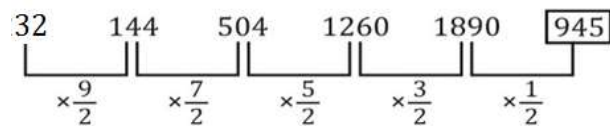
Pattern of series -



S8. Ans.(a)

Sol.

Pattern of series -



S9. Ans.(e)

Sol.

Pattern of series -

3 4 7 11 18 29

$$3 + 4 = 7$$

$$4 + 7 = 11$$

$$7 + 11 = 18$$

$$11 + 18 = 29$$

S10. Ans.(d)

Sol.

Pattern of series -

4 16 36 64 100 144
↑ ↑ ↑ ↑ ↑ ↑
 2^2 4^2 6^2 8^2 10^2 12^2

S11. Ans.(a)

Sol.

Pattern of series -

11 14 27 67 148 230
| | | | | |
+3 +13 +40 +81 +82
| | | | |
 $\times 4 + 1$ $\times 3 + 1$ $\times 2 + 1$ $\times 1 + 1$

S12. Ans.(d)

Sol.

Pattern of series -

1525 1521 1505 1441 1185 161
| | | | | |
-4 -16 -64 -256 -1024

S13. Ans.(c)

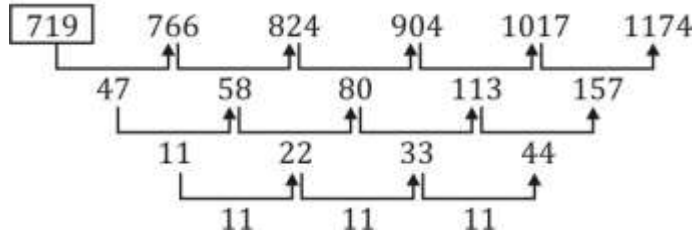
Sol.

2 3 12 65 462 4167
| | | | | |
 $\times 1 + 1$ $\times 3 + 3$ $\times 5 + 5$ $\times 7 + 7$ $\times 9 + 9$

S14. Ans.(e)

Sol.

Pattern of series -



S15. Ans.(a)

Sol.

Pattern of series -

