

Course: IBPS PO Pre

Subject: : Missing Series

Time:10 Minutes

Published Date: 24th August 2020

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

Q1. 6, 32, 152, 450, ?

(a) 444

(b) 448

(c) 446

(d) 440

(e) 464

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q2. 25, 30, 66, 211.2, 887.04, ?

(a) 1064.448

(b) 1063

(c) 1060.548

(d) 1162.858

(e) 4612.608

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q3. 132, 156, 182, 210, ?

(a) 260

(b) 240

(c) 280

(d) 300

(e) 230

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q4. 227, 200, 173, 146, ?

(a) 109

(b) 119

(c) 129

(d) 128

(e) 110

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q5. 19, 68, ?, 129, 145, 154

(a) 100

(b) 101

(c) 210

(d) 98

(e) 104

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q6. 561, 642, 763, 932, 1157, ?

(a) 1446

(b) 1326

(c) 1482

(d) 1246

(e) 1426

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q7. 1524, 1443, 1394, ?, 1360, 1359

(a) 1303

(b) 1218

(c) 1359

(d) 1369

(e) 1569

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q8. 8, 24, 49, 85, 134, ?

(a) 189

(b) 176

(c) 198

(d) 201

(e) 321

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q9. 3, 10, 15, 26, 35, ?

(a) 63

(b) 50

(c) 60

(d) 54

(e) 80

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q10. 1543, 1440, 1337, ?, 1131

(a) 1233

(b) 1234

(c) 1235

(d) 1238

(e) 1433

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q11. 1, 5, 29, 209, ?, 20789

(a) 2223

(b) 1889

(c) 1771

(d) 1828

(e) 2148

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q12. 71, 88, 113, 150, 203, ?

(a) 412

(b) 328

(c) 276

(d) 282

(e) 316

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q13. 359, 437, 523, 615, 711, ?

(a) 809

(b) 812

(c) 936

(d) 984

(e) 778

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q14. 3, 5, 17, 97, 769, ?

(a) 9217

(b) 4609

(c) 6145

(d) 7681

(e) 7679

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Q15. 15.5, 29, 56, 96.5, 150.5, ?

(a) 238

(b) 252

(c) 312

(d) 328

(e) 218

L1Difficulty 2

QTagsMISSING SERIES Quant

QCreator Deepak Rohilla

Solutions

S1. Ans.(c)

Sol.

Pattern is

$$6 \times 7 - 10 = 32$$

$$32 \times 5 - 8 = 152$$

$$152 \times 3 - 6 = 450$$

$$450 \times 1 - 4 = 446$$

$$? = 450 \times 1 - 4 = 446$$

S2. Ans.(e)

Sol.

Pattern is $\times 1.2, \times 2.2, \times 3.2, \dots$

$$? = 887.04 \times 5.2 = 4612.608$$

S3. Ans.(b)

Sol.

Pattern is $(11^2 + 11), (12)^2 + 12, (13)^2 + 13, \dots$

$$\text{So, } ? = 15^2 + 15 = 240$$

S4. Ans.(b)

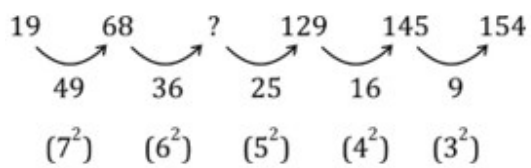
Sol.

Pattern is $-27, -27, -27, \dots$

$$\therefore ? = 146 - 27 = 119$$

S5. Ans.(e)

Sol.



$$\therefore ? = 68 + 36 = 104$$

S6. Ans.(a)

Sol.

$+9^2, +11^2, +13^2, +15^2, \dots$

S7. Ans.(d)

Sol.

$-9^2, -7^2, -5^2, \dots$

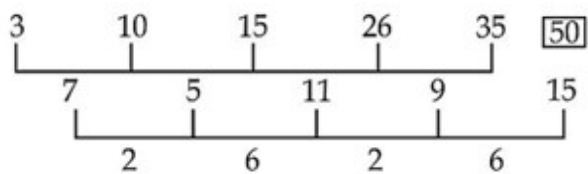
S8. Ans.(c)

Sol.

$+4^2, +5^2, +6^2, +7^2, \dots$

S9. Ans.(b)

Sol.



S10. Ans.(b)

Sol.

$-103, -103, -103, \dots$

S11. Ans.(b)

Sol.

The pattern is

$$1 \times 3 + 2 = 5$$

$$5 \times 5 + 4 = 29$$

$$29 \times 7 + 6 = 209$$

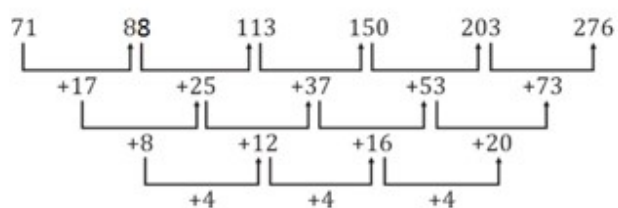
$$209 \times 9 + 8 = \boxed{1889}$$

$$1889 \times 11 + 10 = 20789$$

S12. Ans.(c)

Sol.

Series is

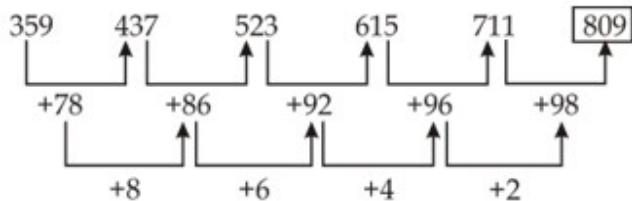


$$? = 276$$

S13. Ans.(a)

Sol.

Series is



$$? = 809$$

S14. Ans.(d)

Sol.

Pattern is

$$3 \times 2 - 1 = 6 - 1 = 5$$

$$5 \times 4 - 3 = 20 - 3 = 17$$

$$17 \times 6 - 5 = 102 - 5 = 97$$

$$97 \times 8 - 7 = 776 - 7 = 769$$

$$769 \times 10 - 9 = 7690 - 9 = \boxed{7681}$$

S15. Ans.(e)

Sol.

Series is

$$15.5 + 1 \times 13.5 = 15.5 + 13.5 = 29$$

$$29 + 2 \times 13.5 = 29 + 27 = 56$$

$$56 + 3 \times 13.5 = 56 + 40.5 = 96.5$$

$$96.5 + 4 \times 13.5 = 96.5 + 54 = 150.5$$

$$150.5 + 5 \times 13.5 = 15.5 + 67.5 = \boxed{218}$$