

Course: IBPS PO Prelims

Subject: Missing Series

Time:10 Minutes

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Directions (1-15): निम्नलिखित संख्या श्रृंखला में लुप्त पद ज्ञात कीजिए:

Q1. 3, 12, 48, 192, 768, ?

(a) 3132

(b) 3072

(c) 3060

(d) 3020

(e) 3200

L1Difficulty 2

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Q2. 1, 6, 13, 24, 41, ?

(a) 77

(b) 62

(c) 66

(d) 64

(e) 81

L1Difficulty 2

QTagsMISSING SERIES Quant

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Q3. 2, 5, 16, 65, 326, ?

(a) 1957

(b) 1987

(c) 1972

(d) 1886

(e) 1786

L1Difficulty 2

QTagsMISSING SERIES Quant

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Q4. 49, 81, 121, 169, 225, 289, ?

(a) 361

(b) 441

(c) 324

(d) 625

(e) 525

L1Difficulty 2

QTagsMISSING SERIES Quant

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Q5. 1, 1, 1.5, 3, 7.5, ?

(a) 26.5

(b) 24.5

(c) 20.5

(d) 22.5

(e) 21.5

L1Difficulty 2

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Q6. 123, 277, 459, 669, 907, ?

(a) 1179

(b) 1173

(c) 1167

(d) 1169

(e) 1273

L1Difficulty 2

QTagsMISSING SERIES Quant

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Q7. 456.5, 407, 368.5, 341, 324.5, ?

(a) 321

(b) 319

(c) 317

(d) 323

(e) 315

L1Difficulty 2

QTagsMISSING SERIES Quant

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Q8. 23, 42.2, 80.6, 157.4, ?

(a) 321

(b) 319

(c) 317

(d) 323

(e) 311

L1Difficulty 2

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Q9. 36, 18, 27, 67.5, 236.25, ?

- (a) 1025.25
- (b) 1112.25
- (c) 1432.5
- (d) 1063.125
- (e) 106.125

L1Difficulty 2

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Q10. 24, 536, 487, 703, 678, ?

- (a) 768
- (b) 748
- (c) 764
- (d) 742
- (e) 705

L1Difficulty 2

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Q11. 28, 39, 63, 102, 158, (?)

- (a) 232
- (b) 242
- (c) 233
- (d) 244
- (e) 222

L1Difficulty 2

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Q12. 7, 16, 141, 190, 919, (?)

- (a) 1029
- (b) 1019
- (c) 1020
- (d) 1030
- (e) 1040

L1Difficulty 2

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Q13. 12, 17, 32, 57, 92, (?)

- (a) 198
- (b) 195
- (c) 137
- (d) 205
- (e) 147

L1Difficulty 2

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Q14. 586, 587, 882, 1766, 4417.5, ?

(a) 15255.5

(b) 11255.5

(c) 13255.5

(d) 1325.55

(e) 13455.5

L1Difficulty 2

QTagsMISSING SERIES Quant

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Q15. 64, 54, 69, 49, 74, 44, ?

(a) 89

(b) 69

(c) 59

(d) 99

(e) 79

L1Difficulty 2

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Solutions

S1. Ans.(b)

Sol.

Series is $\times 4, \times 4, \times 4, \times 4, \times 4, \dots$

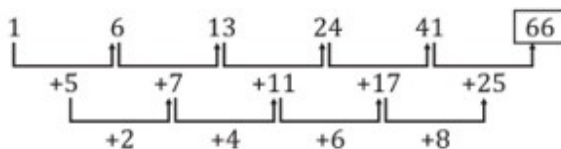
$$\therefore ? = 768 \times 4$$

$$= 3072$$

S2. Ans.(c)

Sol.

Series is



S3. Ans.(a)

Sol.

Series is $\times 2+1, \times 3+1, \times 4+1, \times 5+1, \times 6+1 \dots$
 $\therefore ? = 326 \times 6 + 1$
 $= 1957$

S4. Ans.(a)

Sol.

Series is $7^2, 9^2, 11^2, 13^2, 15^2, 17^2, 19^2$
 $\therefore ? = 19^2$
 $= 361$

S5. Ans.(d)

Sol.

Series is $\times 1, \times 1.5, \times 2, \times 2.5, \times 3 \dots$
 $\therefore ? = 7.5 \times 3$
 $= 22.5$

S6. Ans.(b)

Sol. The series is $+154, +182, +210, +238, +266 \dots$

S7. Ans.(b)

Sol. The series is $-49.5, -38.5, -27.5, -16.5, -5.5 \dots$

S8. Ans.(e)

Sol. The series is $+19.2, +38.4, +76.8, +153.6 \dots$

S9. Ans.(d)

Sol. The series is $\times .5, \times 1.5, \times 2.5, \times 3.5, \times 4.5 \dots$

S10. Ans.(d)

Sol.

The series is $+8^3, -7^2, +6^3, -5^2, +4^3 \dots$

The number should be $678 + 64 = 742$

S11. Ans.(c)

Sol.

The pattern of the number series is $28 + 11 = 39$
 $39 + 24 (= 11 + 13) = 63$
 $63 + 39 (= 24 + 15) = 102$
 $102 + 56 (= 39 + 17) = 158$
 $158 + 75 (= 56 + 19) = 233$

S12. Ans.(e)

Sol.

The pattern of the number series is:

$$7 + 3^2 = 7 + 9 = 16$$

$$16 + 5^3 = 16 + 125 = 141$$

$$141 + 7^2 = 141 + 49 = 190$$

$$190 + 9^3 = 190 + 729 = 919$$

$$919 + 11^2 = 919 + 121 = \mathbf{1040}$$

S13. Ans.(c)

Sol.

The pattern of the number series is:

$$12 + 5 \times 1 = 17$$

$$17 + 5 \times 3 = 32$$

$$32 + 5 \times 5 = 57$$

$$57 + 5 \times 7 = 92$$

$$92 + 5 \times 9 = \mathbf{137}$$

S14. Ans.(c)

Sol.

The pattern of the number series is:

$$586 \times 1 + 1 = 587$$

$$587 \times 1.5 + 1.5 = 882$$

$$882 \times 2 + 2 = 1766$$

$$1766 \times 2.5 + 2.5 = 4417.5$$

$$4417.5 \times 3 + 3 = \mathbf{13255.5}$$

S15. Ans.(e)

Sol.

The pattern of the number series is:

$$64 - 10 = 54$$

$$54 + 15 = 69$$

$$69 - 20 = 49$$

$$49 + 25 = 74$$

$$74 - 30 = 44$$

$$44 + 35 = \mathbf{79}$$