

Quiz Date: 7th August 2020

Directions (1-15): What will come in place of (?) in the following number series ?

Q1. 148, 152, 161, 177, ?, 238

- (a) 208
- (b) 214
- (c) 202
- (d) 198
- (e) 192

Q2. 339, 355, 323, 371, 307, ?

- (a) 407
- (b) 354
- (c) 328
- (d) 387
- (e) 388

Q3. 5, 14, 40, 117, 347, ?

- (a) 920
- (b) 745
- (c) 1124
- (d) 1036
- (e) 694

Q4. 12, 24, 96, 576, ?, 46080

- (a) 3542
- (b) 3890
- (c) 4248
- (d) 4608
- (e) 3246

Q5. 156, 468, 780, ?, 1404, 1716

- (a) 1096
- (b) 1092
- (c) 1290
- (d) 9610
- (e) 1910

Q6. 2, 5, 23, 143, 1151, ?

- (a) 11520
- (b) 11519
- (c) 11517
- (d) 9215
- (e) 13823

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Q7. 8, 9, 20, 63, ?, 1285, 7716

- (a) 384
- (b) 254
- (c) 256
- (d) 192
- (e) 320

Q8. 15, 34, 13, 30, 11, ?

- (a) 26
- (b) 15
- (c) 42
- (d) 29
- (e) 28

Q9. 6, 5, 7, 12.5, 27, ?

- (a) 83
- (b) 69.5
- (c) 56
- (d) 70.5
- (e) 96.5

Q10. 64, 77, 66, 73, 68, ?

- (a) 75
- (b) 72
- (c) 67
- (d) 69
- (e) 66

Q11. 25, 30, 49, 56, 81, 90, ?, 132

- (a) 90
- (b) 72
- (c) 99
- (d) 121
- (e) 132

Q12. 600, 75, 12.5, ?, 1.5625

- (a) 31.25
- (b) 3.125
- (c) 2.315
- (d) 32.15
- (e) 4.125

Q13. 6, 19, 71, 279, 1111, ?

- (a) 4439
- (b) 3439
- (c) 3454

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- (d) 5439
(e) 4349

Q14. 4, 18, 60, 186, 564, ?

- (a) 1581
(b) 1686
(c) 1498
(d) 1698
(e) 1689

Q15. 12, 13, 28, 87, 352, ?

- (a) 1665
(b) 1765
(c) 1656
(d) 1675
(e) 1865

Solutions

S1. Ans.(c)

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

$$\therefore ? = 177 + 25$$

$$= 202$$

Sol.

S2. Ans.(d)

Sol.

Pattern is $+16, -32, +48, -64, +80$

$$\therefore ? = 307 + 80 = 387$$

S3. Ans.(d)

Sol.

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

$$\therefore ? = 347 \times 3 - 5 = 1036$$

S4. Ans.(d)

Sol.

Pattern is $\times 2, \times 4, \times 6, \times 8, \times 10$

$$\therefore ? = 576 \times 8 = 4608$$

S5. Ans.(b)

Sol.

Pattern is $+312, +312, +312, +312, \dots$

$$\therefore ? = 780 + 312 = 1092$$

S6. Ans.(b)

Sol.

Pattern is $\times 2+1, \times 4+3, \times 6+5, \times 8+7, \times 10+9$

$$\therefore ? = 1151 \times 10 + 9$$

$$= 11519$$

S7. Ans.(c)

Sol.

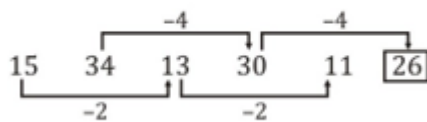
Pattern is $\times 1+1, \times 2+2, \times 3+3, \times 4+4, \times 5+5, \dots$

$$\therefore ? = 63 \times 4 + 4$$

$$= 256$$

S8. Ans.(a)

Series is



Sol.

S9. Ans.(b)

Sol.

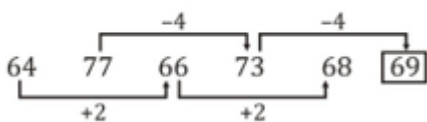
Pattern is $\times 0.5+2, \times 1+2, \times 1.5+2, \times 2+2, \times 2.5+2$

$$\therefore ? = 27 \times 2.5 + 2$$

$$= 69.5$$

S10. Ans.(d)

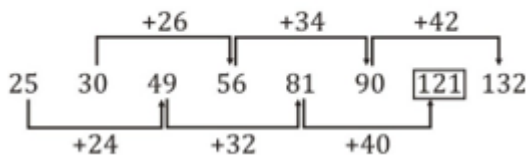
Series is



Sol.

S11. Ans.(d)

Series is



Sol.

S12. Ans.(b)

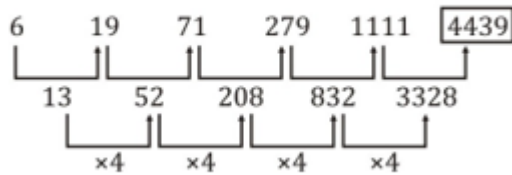
Pattern is $\div 8, \div 6, \div 4, \div 2$

$$\therefore ? = 12.5 \div 4$$

Sol. $= 3.125$

S13. Ans.(a)

Series is



Sol.

S14. Ans.(d)

Sol.

Pattern is $+14 \times 1, +14 \times 3, +14 \times 9, +14 \times 27$

$$\therefore ? = 564 + 14 \times 81$$

$$= 1698$$

S15. Ans.(b)

Sol.

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

$$\therefore ? = 352 \times 5 + 5$$

$$= 1765$$



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