

Quiz Date: 25th May 2020

Directions (1-15): Find the wrong term in the following number series.

Q1. 3.7, 8.7, 23.7, 48.7, 84.7, 128.7

- (a) 23.7
- (b) 48.7
- (c) 84.7
- (d) 128.7
- (e) 8.7

Q2. 1, 14, 31, 64, 133, 264

- (a) 14
- (b) 31
- (c) 264
- (d) 133
- (e) 64

Q3. 2, 1, 1, 2, 8, 32, 1024

- (a) 32
- (b) 2
- (c) 8
- (d) 1
- (e) 1024

Q4. 168, 288, 360, 528, 841, 960

- (a) 168
- (b) 841
- (c) 288
- (d) 360
- (e) 528

Q5. 7.2, 72, 9, 54, 13.5, 28

- (a) 72
- (b) 9
- (c) 28
- (d) 13.5
- (e) 54

Q6. 32, 34, 37, 46, 62, 87, 123

- (a) 34
- (b) 37
- (c) 62
- (d) 87



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(e) 46

Q7. 7,18,40,106,183,282,403

- (a) 18
- (b) 282
- (c) 40
- (d) 106
- (e) 183

Q8. 850,843,829,808,788,745,703

- (a) 843
- (b) 829
- (c) 808
- (d) 788
- (e) 745



Q9. 33,321,465,537,573,590,600

- (a) 321
- (b) 465
- (c) 573
- (d) 537
- (e) 590

Q10. 37,47,52,67,87,112,142

- (a) 47
- (b) 52
- (c) 67
- (d) 87
- (e) 112

Q11. 549, 566, 601, 651, 719

- (a) 549
- (b) 566
- (c) 601
- (d) 651
- (e) 719

Q12. 157, 172, 127, 204, 97

- (a) 157
- (b) 172
- (c) 127
- (d) 204
- (e) 97

Q13. 32, 18, 10.8, 6.48, 3.888

- (a) 32
- (b) 18
- (c) 10.8
- (d) 6.48
- (e) 3.888

Q14. 42, 45, 93, 282, 1131, 5652

- (a) 45
- (b) 93
- (c) 282
- (d) 1131
- (e) 5652

Q15. 0, 4, 18, 54, 100, 180

- (a) 0
- (b) 18
- (c) 54
- (d) 100
- (e) 180

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Solutions

S1. Ans.(c)

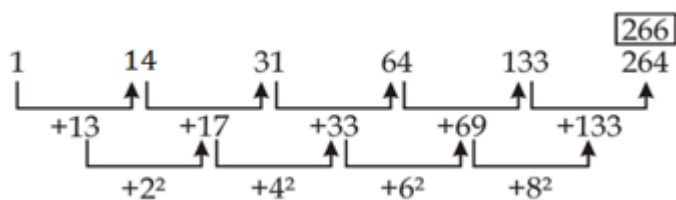
Sol.

Series is +5, +15, +25, +35, +45

\therefore wrong term = 84.7

S2. Ans.(c)

Sol.



S3. Ans.(a)

Sol.

Series is $\times 0.5, \times 1, \times 2, \times 4, \times 8, \times 16$

\therefore Required term = 8×8

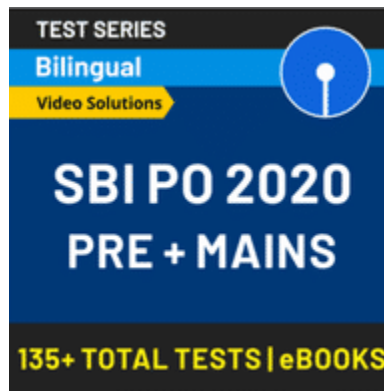
= $64 \neq 32$

S4. Ans.(b)

Sol.

Series is $13^2 - 1, 17^2 - 1, 19^2 - 1, 23^2 - 1, 31^2 - 1$

\therefore wrong term = 841



S5. Ans.(c)

Sol.

Series is $\times 10, \div 8, \times 6, \div 4, \times 2$

\therefore Wrong term = 28

S6. Ans.(a)

Sol.

In given pattern difference of two number is

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

\therefore Replace 34 by 33

S7. Ans.(c)

Sol.

Pattern is $+11, +33, +55, +77, +99, +121$

Replace 40 by 51

S8. Ans.(d)

Sol.

Pattern is $-7, -14, -21, -28, -35, -42, \dots$

\therefore Replace 788 by 780

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S9. Ans.(e)

Sol.

$$+(9 \times 32) + (9 \times 16) + (9 \times 8) + (9 \times 4) + (9 \times 2) + (9 \times 1)$$

∴ Replace 590 by 591

S10. Ans.(a)

Sol.

$$+5, +10, +15, +20, +25, +30, \dots$$

∴ Replace 47 by 42.

S11. Ans.(c)

Sol.

$$549 + 17 \times 1 = 566$$

$$566 + 17 \times 2 = 600, \text{ not } 601$$

$$600 + 17 \times 3 = 651$$

$$651 + 17 \times 4 = 719$$

S12. Ans.(d)

Sol.

$$157 + 15 \times 1 = 172$$

$$172 - 15 \times 3 = 127$$

$$127 + 15 \times 5 = 202, \text{ not } 204$$

$$202 - 15 \times 7 = 97$$

S13. Ans.(a)

Sol.

$$30 \times 0.6 = 18, \text{ not } 32$$

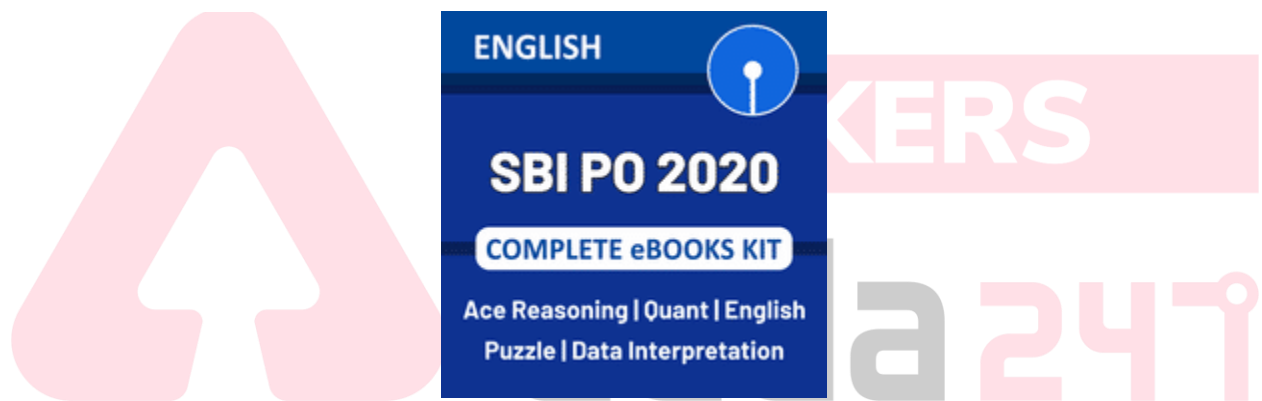
$$18 \times 0.6 = 10.8$$

$$10.8 \times 0.6 = 6.48$$

$$6.48 \times 0.6 = 3.888$$

S14. Ans.(e)

Sol.



$$42 \times 1 + 3 = 45$$

$$45 \times 2 + 3 = 93$$

$$93 \times 3 + 3 = 282$$

$$282 \times 4 + 3 = 1131$$

$$1131 \times 5 + 3 = 5658, \text{ not } 5652$$

S15. Ans.(c)

Sol.

$$1^3 - 1^2 = 0$$

$$2^3 - 2^2 = 4$$

$$3^3 - 3^2 = 18$$

$$4^3 - 4^2 = 48, \text{ not } 54$$

$$5^3 - 5^2 = 100$$

$$6^3 - 6^2 = 180$$

