

Quiz Date: 30th June 2020

Directions (1-5): What will come in the place of question mark (?) in the following questions?

Q1. $(41)^2 - 1139 \div 67 = ? \times 4^3$

- (a) 28
- (b) 26
- (c) 24
- (d) 27
- (e) 21

Q2. $3\frac{3}{4} - 2\frac{5}{12} = ? + 4\frac{5}{11} - 3\frac{5}{22}$

- (a) 9/62
- (b) 13/66
- (c) 7/66
- (d) 11/64
- (e) 35/66

Q3. $0.006 \div 20 \times 0.0042 \div (0.14 \times 0.005) = ?$

- (a) 1.8
- (b) 1.18
- (c) 0.18
- (d) 0.018
- (e) 0.0018

Q4. $5\frac{5}{13}$ of $[5891 - 3876] + 385.85 = ? + 5245.45$

- (a) 5499.9
- (b) 5904.9
- (c) 5900.4
- (d) 5990.4
- (e) 5890.4

Q5. $(3.4357 + 1.5643)^2 - ? = 6 \times 3.16 \times 0.05$

- (a) 25.045
- (b) 22.450
- (c) 2.4052
- (d) 20.452
- (e) 24.052

Direction (6-10): Find wrong number in the given series?

Q6. 2, 4, 10, 25, 42, 72, 114

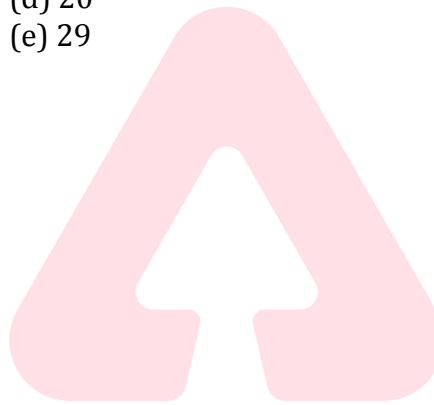
- (a) 2
- (b) 4
- (c) 10
- (d) 25
- (e) 72

Q7. 2, 3, 5, 9, 18, 33, 65, 129

- (a) 2
- (b) 5
- (c) 18
- (d) 33
- (e) 65

Q8. 3, 5, 8, 13, 20, 29, 44

- (a) 3
- (b) 5
- (c) 8
- (d) 20
- (e) 29



Q9. 26, 63, 126, 215, 344, 511, 730

- (a) 26
- (b) 63
- (c) 215
- (d) 344
- (e) 730

Q10. 1, 2, 4, 21, 88, 445, 2676

- (a) 1
- (b) 2
- (c) 4
- (d) 21
- (e) 445

Directions (11-15): What will come in place of question mark (?) in the following questions?

Q11. $(0.125)^3 \div (0.25)^2 \times (0.5)^2 = (0.5)^{?-3}$

- (a) 12
- (b) 18
- (c) 14
- (d) 10
- (e) 8

Q12. 36% of 420 – 56% of 350 = ? – 94

- (a) 48.2
- (b) 49.2
- (c) -138.8
- (d) -158.8
- (e) 38.2

Q13. $36 \times 15 - 56 \times 784 \div 112 = ?$

- (a) 138
- (b) 238
- (c) 158
- (d) 258
- (e) 148

Q14. $(8792 - 4136) \div ? = 145.5$

- (a) 38
- (b) 32
- (c) 42
- (d) 36
- (e) 48

Q15. $7365 + (5.4)^2 + \sqrt{(?)} = 7437.16$

- (a) 1894
- (b) 1681
- (c) 1764
- (d) 2025
- (e) 1849



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Solutions

S1. Ans.(b)

Sol.

$$? = \frac{1664}{64} = 26$$

S2. Ans.(c)

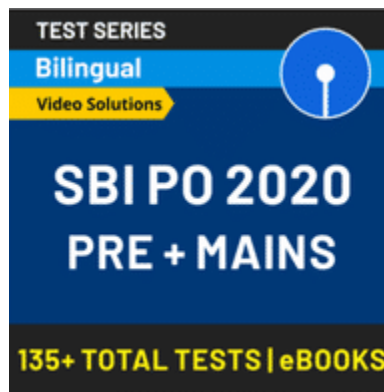
Sol.

$$\begin{aligned}
 ? &= (3 - 2 - 4 + 3) + \left(\frac{3}{4} - \frac{5}{12} - \frac{5}{11} + \frac{5}{22}\right) \\
 &= \frac{198 - 110 - 120 + 60}{264} \\
 &= \frac{28}{264} \\
 &= \frac{7}{66}
 \end{aligned}$$

S3. Ans.(e)

Sol.

$$\begin{aligned}
 \frac{0.006}{20} \times \frac{0.0042}{0.14 \times 0.005} &=? \\
 ? &= 0.0018
 \end{aligned}$$



S4. Ans.(d)

Sol.

$$\begin{aligned}
 70 \times 155 + 385.85 &=? + 5245.45 \\
 \Rightarrow ? &= 5990.4
 \end{aligned}$$

S5. Ans.(e)

Sol.

$$\begin{aligned}
 25 - ? &= 0.948 \\
 \Rightarrow ? &= 24.052
 \end{aligned}$$

S6. Ans. (d)

Sol.

$$\begin{aligned}
 2 + (1 \times 2) &= 4 \\
 4 + (2 \times 3) &= 10 \\
 10 + (3 \times 4) &= 22 \\
 22 + (4 \times 5) &= 42 \\
 42 + (5 \times 6) &= 72 \\
 72 + (6 \times 7) &= 114
 \end{aligned}$$

So, wrong number = 25.

S7. Ans. (c)

Sol.

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

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

$$5 \times 2 - 1 = 9$$

$$9 \times 2 - 1 = 17$$

$$17 \times 2 - 1 = 33$$

$$33 \times 2 - 1 = 65$$

$$65 \times 2 - 1 = 129$$

So, Wrong number = 18

S8. Ans. (e)

Sol.

$$3 + 2 = 5$$

$$5 + 3 = 8$$

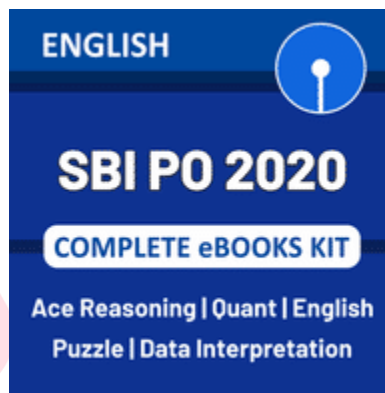
$$8 + 5 = 13$$

$$13 + 7 = 20$$

$$20 + 11 = 31$$

$$31 + 13 = 44$$

So, wrong number = 29



S9. Ans. (a)

Sol.

$$3^3 + 1 = 28$$

$$4^3 - 1 = 63$$

$$5^3 + 1 = 126$$

$$6^3 - 1 = 215$$

$$7^3 + 1 = 344$$

$$8^3 - 1 = 511$$

$$9^3 + 1 = 730$$

So, Wrong number = 26

S10. Ans. (c)

Sol.

$$1 \times 1 + 1 = 2$$

$$2 \times 2 + 2 = 6$$

$$6 \times 3 + 3 = 21$$

$$21 \times 4 + 4 = 88$$

$$88 \times 5 + 5 = 445$$

$$445 \times 6 + 6 = 2676$$

So, Wrong number = 4

S11. Ans. (d)

$$\text{Sol. } (0.5)^9 \div (0.5)^4 \times (0.5)^2 = (0.5)^{? - 3}$$

$$\text{or, } 9 - 4 + 2 = ? - 3$$

$$\text{or, } ? = 10$$

S12. Ans. (b)

$$\text{Sol. } ? = 151.2 - 196 + 94$$

$$\text{or, } ? = 49.2$$

S13. Ans. (e)

$$\text{Sol. } ? = 540 - 56 \times 7$$

$$\text{or, } ? = 148$$

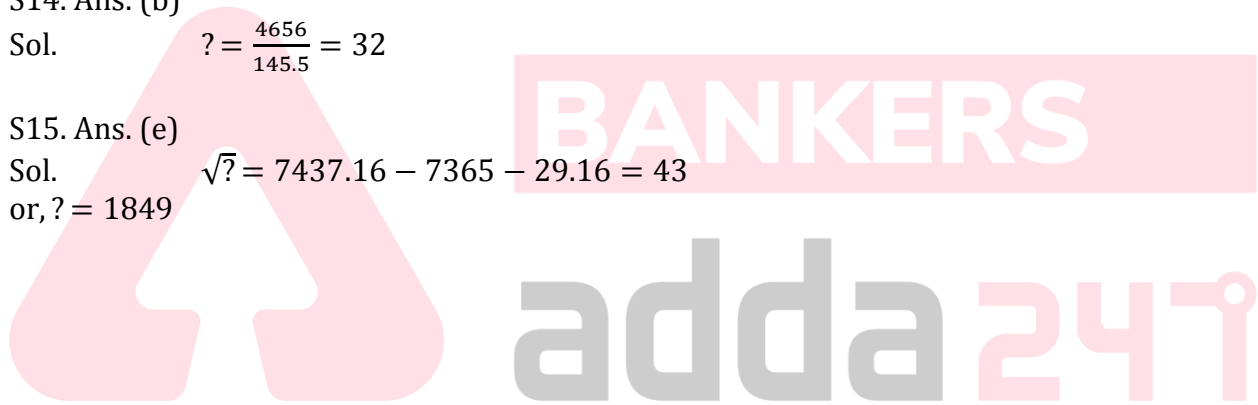
S14. Ans. (b)

$$\text{Sol. } ? = \frac{4656}{145.5} = 32$$

S15. Ans. (e)

$$\text{Sol. } \sqrt{?} = 7437.16 - 7365 - 29.16 = 43$$

$$\text{or, } ? = 1849$$



For any Banking/Insurance exam Assistance, Give a Missed call @ 01141183264