

Quiz Date: 12th June 2020

Directions (1-15): What approximate value should come in place of question mark (?) in the following questions:

Note: – (you are not expected to calculate the exact value.)

Q1. $11.05 \times 7.96 + \sqrt{120.89} + \frac{1}{3^{-3}} = ?$

- (a) 112
- (b) 120
- (c) 135
- (d) 126
- (e) 117

Q2. $?\% \text{ of } 349.92 + \frac{(4.05)^2 \times (2.97)^2}{11.99} + 1.98 \times 12.97 = 130$

- (a) 16
- (b) 10
- (c) 22
- (d) 31
- (e) 25

Q3. $28.05\% \text{ of } 150 + \sqrt{63.15 \times 6.92} + (7.93)^2 = ?$

- (a) 111
- (b) 145
- (c) 127
- (d) 135
- (e) 120

Q4. $\frac{?}{\sqrt{143.88} - (2.96)^2} = (17.91)^2 - (15.11)^2 + 0.99$

- (a) 325
- (b) 300
- (c) 250
- (d) 175
- (e) 350

Q5. $\sqrt[3]{342.8} + \frac{\sqrt{195.9}}{6.95} + (4.11)^2 = ?^2$

- (a) 1
- (b) 5
- (c) 13
- (d) 21
- (e) 29

A pink rectangular box containing the word "BANKERS" in white, bold, uppercase letters.The logo for "adda247" in a grey, lowercase, sans-serif font. The "247" is larger and more prominent than "adda".

Q6. $7.18 \times 11.88 + 24.08 \times 25.85 + 17.89 \times 12.11 = ?$

- (a) 842
- (b) 1074
- (c) 807
- (d) 993
- (e) 924

Q7. $777.97 + 64.08 - 213.78 - 127.91 + 173.89 = ?$

- (a) 705
- (b) 613
- (c) 812
- (d) 674
- (e) 682



Q8. $\frac{? \% \text{ of } 249.93}{(4.96)^2} + (11.04)^2 + \frac{1}{(4.9)^{-2}} = 150.89$

- (a) 50
- (b) 23
- (c) 72
- (d) 18
- (e) 12

Q9. $(? \% \text{ of } 159.87 - (6.94)^2) = \frac{22.17 \times 7.94 + (1.97)^2 \times 3.06}{(1.96)^2}$

- (a) 32
- (b) 40
- (c) 76
- (d) 60
- (e) 25

Q10. $11.11^2 + \frac{1}{(7.03)^{-2}} + 23.08 \times 3.98 = ?$

- (a) 262
- (b) 232
- (c) 282
- (d) 185
- (e) 205

Q11. $420.17 - 21.08 \times 25.05 + ? = 160.27$

- (a) 192
- (b) 265
- (c) 218
- (d) 298
- (e) 312

Q12. $299.89 \div 14.93 \times 12.89 + ? = 26.08^2$

- (a) 402
- (b) 376
- (c) 416
- (d) 445
- (e) 472

Q13. $67.98\% \text{ of } 1399.83 - 13.99\% \text{ of } 1299.89 = ?$

- (a) 650
- (b) 820
- (c) 690
- (d) 770
- (e) 804

Q14. $5999.9 \div 9.97 - 1080.11 + 519.88 = ?$

- (a) 40
- (b) 25
- (c) 30
- (d) 55
- (e) 60

Q15. $(-3.99)^3 + (30.01)^2 - (4.99)^4 = ?$

- (a) 159
- (b) 211
- (c) 231
- (d) 250
- (e) 182

Solutions

S1. Ans.(d)

Sol.

$$? = 11 \times 8 + \sqrt{121} + 3^3$$

$$? = 88 + 11 + 27$$

$$? = 126$$

S2. Ans.(a)

Sol.

$$? \% \text{ of } 350 + \frac{4^3 \times 3^2}{12} + 2 \times 13 = 130$$

$$? \% \text{ of } 350 = 130 - 48 - 26$$

$$? \% \text{ of } 350 = 56$$

$$? = \frac{56 \times 100}{350}$$

$$? = 16$$

S3. Ans.(c)

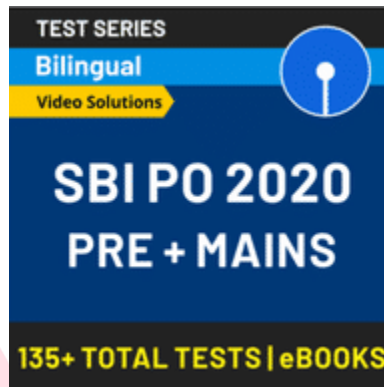
Sol.

$$? = 28\% \text{ of } 150 + \sqrt{63 \times 7} + 8^2$$

$$? = 28 \times \frac{150}{100} + \sqrt{9 \times 7 \times 7} + 8^2$$

$$? = 42 + 21 + 64$$

$$? = 127$$



S4. Ans.(b)

Sol.

$$\frac{?}{\sqrt{144-3^2}} = 18^2 - 15^2 + 1$$

$$\frac{?}{12-9} = 324 - 225 + 1$$

$$? = 100 \times 3 = 300$$

S5. Ans.(b)

Sol.

$$?^2 = \sqrt[3]{343} + \frac{\sqrt{196}}{7} + 4^2$$

$$?^2 = 7 + 2 + 16$$

$$?^2 = 25$$

$$? = 5$$

S6. Ans.(e)

Sol.

$$\begin{aligned} ? &= 7 \times 12 + 24 \times 26 + 18 \times 12 \\ ? &= 84 + 624 + 216 \\ ? &= 924 \end{aligned}$$

S7. Ans.(d)

Sol.

$$\begin{aligned} ? &= 778 + 64 - 214 - 128 + 174 \\ ? &= 778 + 64 + 174 - 214 - 128 \\ ? &= 1016 - 342 \\ ? &= 674 \end{aligned}$$

S8. Ans.(a)

Sol.

$$\begin{aligned} \frac{?\% \text{ of } 250}{5^2} + 11^2 + 5^2 &= 151 \\ ?\% \text{ of } 250 &= (151 - 121 - 25) \times 25 \\ ?\% \text{ of } 250 &= 125 \\ ? &= \frac{125 \times 100}{250} = 50 \end{aligned}$$

S9. Ans.(d)

Sol.

$$\begin{aligned} (? \% \text{ of } 160) &= \frac{22 \times 8 + (2)^2 \times 3}{(2)^2} + 7^2 \\ ? \% \text{ of } 160 &= \frac{(176+12)}{4} + 49 \\ ? \% \text{ of } 160 &= 96 \\ ? &= 60 \end{aligned}$$

S10. Ans.(a)

Sol.

$$\begin{aligned} ? &= 11^2 + 7^2 + 23 \times 4 \\ ? &= 121 + 49 + 92 \\ ? &= 262 \end{aligned}$$

S11. Ans.(b)

Sol.

$$\begin{aligned} 420 - 21 \times 25 + ? &= 160 \\ ? &= 160 - 420 + 525 \\ ? &= 265 \end{aligned}$$

S12. Ans.(c)

Sol.



$$\frac{300}{15} \times 13 + ? = 26^2$$

$$? = 676 - 260$$

$$? = 416$$

S13. Ans.(d)

Sol.

$$? = 68\% \text{ of } 1400 - 14\% \text{ of } 1300$$

$$? = 68 \times 14 - 14 \times 13$$

$$? = 14 (68 - 13)$$

$$? = 14 \times 55 = 770$$



S14. Ans.(a)

Sol.

$$? = \frac{6000}{10} - 1080 + 520$$

$$? = 600 - 1080 + 520$$

$$? = 40$$

S15. Ans.(b)

Sol.

$$(-3.99)^3 + (30.01)^2 - (4.99)^4 = ?$$

$$? = -4^3 + 30^2 - 5^4$$

$$? = -64 + 900 - 625$$

$$? = 211$$

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