

Quiz Date: 22nd May 2020

Direction (1-15): Find the approximate value that will come in place of question mark(?) in the following questions.

Q1. $\frac{420.12}{?} = (361.11)^{\frac{1}{2}} - 22.01 \times 6.99 + 141.99$

- (a) 60
- (b) 70
- (c) 40
- (d) 35
- (e) 7

Q2. $? + 185.10 - 79.09 = (23.01)^2 - 70.01\% \text{ of } 139.99$

- (a) 400
- (b) 375
- (c) 350
- (d) 325
- (e) 300

Q3. $\sqrt{783.98} + (22.02)^2 = 2 \times (?)^2$

- (a) 4
- (b) 8
- (c) 16
- (d) 32
- (e) 64

Q4. $44.04\% \text{ of } 349.98 + 205.01\% \text{ of } 140.01 = (?)^2$

- (a) 29
- (b) 361
- (c) 19
- (d) 441
- (e) 21

Q5. $\frac{?}{4} + 44.01 + 139.99 = 78.09 + 249.01 + 86.99$

- (a) 230
- (b) 920
- (c) 220
- (d) 1880
- (e) 960

Q6. $(32.13)^2 + (23.96)^2 - (17.11)^2 = ?$

- (a) 1270
- (b) 1421
- (c) 1451

- (d) 1361
- (e) 1311

Q7. $6894.986 + 5025.005 + 600.020 = ?$

- (a) 12170
- (b) 13540
- (c) 12950
- (d) 11560
- (e) 12520



Q8. $31.999 \times 12.001 \times 17.5001 = ?$

- (a) 6600
- (b) 6720
- (c) 6480
- (d) 6070
- (e) 6270

Q9. $12.164 \times 22.009 \times 17.932 = ?$

- (a) 4901
- (b) 4895
- (c) 4752
- (d) 4959
- (e) 4350

Q10. $16.978 + 27.007 + 36.984 - 12.969 - 9.003 = ?$

- (a) 72
- (b) 42
- (c) 60
- (d) 51
- (e) 65

Q11. $39\% \text{ of } 405 + 61\% \text{ of } 610 - 183.67 = ?$

- (a) 450
- (b) 300
- (c) 230

BANKERS

adda247

- (d) 280
(e) 344

Q12. $5682 \div 63 \times 36 = ? \times 17.998$

- (a) 180
(b) 190
(c) 210
(d) 240
(e) 140

Q13. $4.99 \times 12.865 + 599 = ?$

- (a) 650
(b) 655
(c) 665
(d) 670
(e) 675

Q14. $250.01 - 429.99 + 549.99 = ?$

- (a) 370
(b) 420
(c) 340
(d) 410
(e) 320

Q15. $\frac{340}{34.023} \times \frac{46.98}{510} \times \frac{119}{94.01} = ?$

- (a) 1.5
(b) 1.2
(c) 2.1
(d) 2.4
(e) 1.7

BANKERS

adda247

Solutions

S1. Ans.(a)

Sol.

$$\frac{420.12}{?} = (361.11)^{\frac{1}{2}} - 22.01 \times 6.99 + 141.99$$

$$\Rightarrow \frac{420}{?} \approx (361)^{\frac{1}{2}} - 22 \times 7 + 142$$

$$\Rightarrow \frac{420}{?} \approx 19 - 154 + 142$$

$$\Rightarrow \frac{420}{?} \approx 7$$

$$\Rightarrow ? \approx \frac{420}{7} \approx 60$$

S2. Ans.(d)

Sol.

$$? + 185.10 - 79.09 = (23.01)^2 - 70.01\% \text{ of } 139.99$$

$$\Rightarrow ? + 185 - 79 \approx (23)^2 - \frac{70}{100} \times 140$$

$$\Rightarrow ? + 106 \approx 529 - 98$$

$$\Rightarrow ? \approx 431 - 106 \approx 325$$

S3. Ans.(c)

Sol.

$$\sqrt{783.98} + (22.02)^2 = 2 \times (?)^2$$

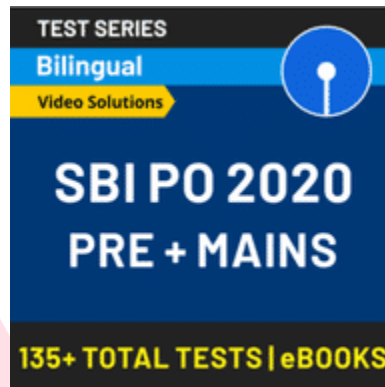
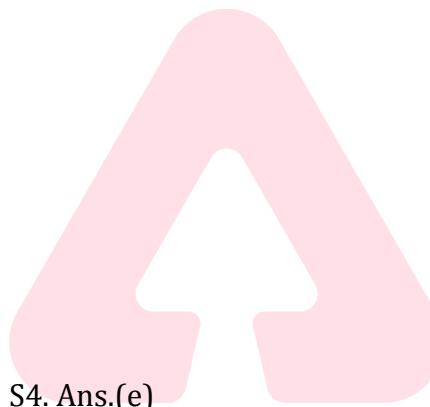
$$\Rightarrow \sqrt{784} + (22)^2 \approx 2 \times (?)^2$$

$$\Rightarrow 28 + 484 \approx 2 \times (?)^2$$

$$\Rightarrow 512 \approx 2 \times (?)^2$$

$$\Rightarrow (?)^2 \approx 256$$

$$\Rightarrow ? = 16$$



S4. Ans.(e)

Sol.

$$44.04\% \text{ of } 349.98 + 205.01\% \text{ of } 140.01 = (?)^2$$

$$\Rightarrow \frac{44}{100} \times 350 + \frac{205}{100} \times 140 \approx (?)^2$$

$$\Rightarrow 154 + 287 \approx (?)^2$$

$$\Rightarrow 441 \approx (?)^2$$

$$\Rightarrow ? = 21$$

S5. Ans.(b)

Sol.

$$\frac{?}{4} + 44.01 + 139.99 = 78.09 + 249.01 + 86.99$$

$$\Rightarrow \frac{?}{4} + 44 + 140 \approx 78 + 249 + 87$$

$$\Rightarrow \frac{?}{4} \approx 414 - 184$$

$$\Rightarrow \frac{?}{4} \approx 230 \Rightarrow ? \approx 920$$

S6. Ans.(e)

$$\begin{aligned} ? &\simeq 32^2 + 24^2 - 17^2 \\ &\simeq 1024 + 576 - 289 \\ &\simeq 1311 \end{aligned}$$

Sol.

S7. Ans.(e)

$$\begin{aligned} ? &\simeq 6895 + 5025 + 600 \\ &\simeq 12,520 \end{aligned}$$

Sol.

S8. Ans.(b)

$$\begin{aligned} ? &\simeq 32 \times 12 \times 17.5 \\ &\simeq 6720 \end{aligned}$$

Sol.

S9. Ans.(c)

$$\begin{aligned} ? &\simeq 12 \times 22 \times 18 \\ &\simeq 4752 \end{aligned}$$

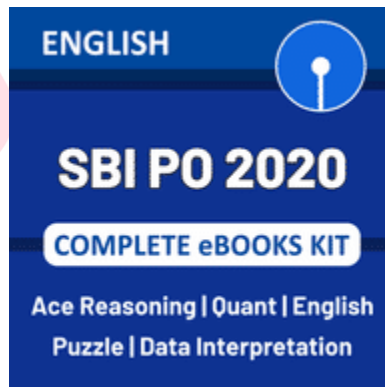
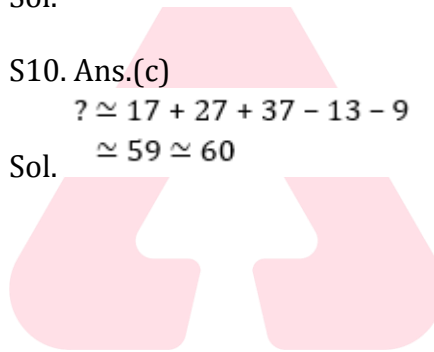
Sol.

S10. Ans.(c)

$$\begin{aligned} ? &\simeq 17 + 27 + 37 - 13 - 9 \\ &\simeq 59 \simeq 60 \end{aligned}$$

Sol.

BANKERS



a247

S11. Ans.(e)

$$\begin{aligned} ? &\simeq \frac{40}{100} \times 405 + \frac{60}{100} \times 610 - 184 \\ &\simeq 344 \end{aligned}$$

Sol.

S12. Ans.(a)

$$\begin{aligned} ? &\simeq \frac{5682 \times 36}{63 \times 18} \\ &\simeq 180 \end{aligned}$$

Sol.

S13. Ans.(c)

$$? \simeq 5 \times 13 + 600$$

Sol. $\simeq 665$

S14. Ans.(a)

Sol. $? \simeq 370$

S15. Ans.(b)

$$? \simeq \frac{340}{34} \times \frac{47}{510} \times \frac{119}{94}$$

Sol. $\simeq 1.2$

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

