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## Approximation Questions for SBI Clerk Pre, IBPS Clerk Pre, LIC Asst. Pre, RBI Asst. Pre and IBPS RRB Exams.

### Approximation Quiz 40

Direction: What approximate value should come in place of question mark?

1.  $(780.85 + 59.98) \div 29.02 = ?$

- A. 29                      B. 9                      C. 39                      D. 44                      E. 13

2.  $(845\% \text{ of } 955) \times 5.96 = ?$

- A. 46420                      B. 44620                      C. 48420                      D. 52200                      E. 54520

3.  $35\% \text{ of } ? \times \frac{3}{4} = 3984.75$

- A. 12720                      B. 18480                      C. 15180                      D. 17460                      E. 13220

4.  $17848.21 + 6435.98 - ? = 24000$

- A. 266                      B. 302                      C. 284                      D. 245                      E. 149

5.  $(17.99)^2 - 14.05^2 + \frac{2343.05 + 81.05}{?} = 229$

- A. 8                      B. 46                      C. 76                      D. 24                      E. 56

6.  $29.736\% \text{ of } 3242 + 44.896\% \text{ of } 4120 = ? - 4926.12$

- A. 7753                      B. 7911                      C. 7543                      D. 7365                      E. 8217

7.  $1242.45 + 2583.66 \div 16.87 = ? - 712.693$

- A. 2214                      B. 2107                      C. 2323                      D. 2455                      E. 2517

8.  $1283.97 \times 45.98 - 16503.67 = ? + 28712.13$

- A. 15537                      B. 14444                      C. 13848                      D. 12726                      E. 13223

9.  $\sqrt{10607} \times \sqrt{9603} - (42.02)^2 = ? + (52.91)^2$

- A. 5115                      B. 5323                      C. 5747                      D. 5521                      E. 13623

10.  $(823.83 - 353.12) \div 24.74 + 521.13 = ?$

- A. 556                      B. 684                      C. 634                      D. 602                      E. 540

## Correct Answers:

1	2	3	4	5	6	7	8	9	10
A	C	C	C	D	A	B	C	D	E

## Explanations:

1.  $(780.85 + 59.98) \div 29.02 = ?$

$$\approx (781 + 60) \div 29 = \frac{841}{29} = 29$$

Hence, option A is correct.

2.

$$? = \left( 845 \times \frac{955}{100} \right) \times 6$$

$$= 8069.75 \times 6$$

$$= 48418.5 \approx 48420$$

Hence, option C is correct.

3.

Given,  $35\% \text{ of } ? \times \frac{3}{4} = 3984.75$

$$? = \frac{3984.75 \times 100 \times 4}{35 \times 3} \approx 15180$$

Hence, option C is correct.

4.  $17848 + 6436 - 24000 \approx 284$

Hence, option C is correct.

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5.

$$(18)^2 - 14^2 + \frac{2343 + 81}{?} = 229$$

$$324 - 196 + \frac{2424}{?} = 229$$

$$\frac{2424}{?} = 101$$

$$? = 24$$

Hence, option D is correct.

6.

$$? \approx \frac{30}{100} \times 3242 + \frac{45}{100} \times 4120 + 4926$$

$$? = 972.6 + 1854 + 4926$$

$$? = 7752.6 \approx 7753$$

Hence, option A is correct.

7.

$$? \approx 1242 + \frac{2584}{17} + 713$$

$$? = 1242 + 152 + 713$$

$$? = 2107$$

Hence, option B is correct.

8.

$$? \approx 1284 \times 46 - 16504 - 28712$$

$$? = 59064 - 16504 - 28712$$

$$? = 13848$$

Hence, option C is correct.

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9.  $? \approx \sqrt{10609} \times \sqrt{9604} - (42)^2 - (53)^2$

$$? = 103 \times 98 - 1764 - 2809$$

$$? = 10094 - 1764 - 2809$$

$$? = 5521$$

Hence, option D is correct.

10.

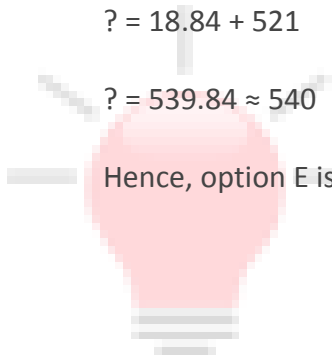
$$? \approx (824 - 353) \times \frac{1}{25} + 521$$

$$? \approx 471 \times \frac{1}{25} + 521$$

$$? = 18.84 + 521$$

$$? = 539.84 \approx 540$$

Hence, option E is correct.



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