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# Approximation Questions for Bank Clerk Pre Exams.

## Approximation Quiz 2

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

1.  $23.003 \times 22.998 + 100.010 = ?$

- A. 630      B. 550      C. 700      D. 720      E. 510

2.  $10^3 \times 100^3 + 999999999 = 10^? + 10^?$

- A. 6      B. 9      C. 7      D. 10      E. 12

3. 117% of 459.88 – 162% of 143.02 = ?

- A. 290      B. 280      C. 300      D. 306      E. None of these

4.  $125.009 + 69.999 + 104.989 = ?$

- A. 420      B. 300      C. 285      D. 415      E. 325

5.  $\sqrt{1000000.000001} = ?$

- A. 1000      B. 100      C. 1000.001      D. 10000      E. 999

6.  $675.456 + 12.492 \times 55.671 = ?$

- A. 971      B. 1071      C. 1171      D. 1271      E. 1375

7.  $(872\% \text{ of } 659) \div 543 = ?$

- A. 17      B. 11      C. 21      D. 27      E. 31

8.  $4374562 \times 64 = ? \times 7777$

- A. 360      B. 3600      C. 36000      D. 360000      E. 3600000

9.  $(4576 + 3286 + 5639) \div (712 + 415 + 212) = ?$

- A. 18      B. 22      C. 34      D. 10      E. 46

10.  $(340 \times 9.98) \div 6.4001 + 1245.15 = ?$

- A. 1766      B. 1776      C. 1676      D. 1876      E. 1806

**Correct Answers:**

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

**Explanations:**

1.  $? \approx 23 \times 23 + 100 \approx 629 = 630.$

Hence, option A is correct.

2.  $10^? + 10^? = 10^3 \times 100^3 + 999999999$   
 $= 10^3 \times 10^6 + 1000000000$   
 $= 10^9 + 10^9 \text{ or, } ? = 9.$

Hence, option B is correct.

3.

$$? \approx \frac{460 \times 117}{100} - \frac{143 \times 162}{100} \approx 538 - 232 \approx 306.$$

Hence, option D is correct.

4.  $125.009 + 69.999 + 104.989 = ?$

$$\Rightarrow ? \approx 125 + 70 + 105 \approx 300.$$

Hence, option B is correct.

5.  $? = \sqrt{1000000.000001} \approx \sqrt{1000 \times 1000} = 1000$

Hence, option A is correct.

6.  $? = 675.456 + 12.492 \times 55.671$

$$? \approx 675 + 12.5 \times 56$$

$$? \approx 675 + 700 \approx 1375.$$

Hence, option E is correct.

7.

$$? = \frac{659 \times 872}{100} \div 543$$

$$? = \frac{659 \times 872}{100} \approx 11.$$

Hence, option B is correct.

**8.**

$$? = \frac{4374562 \times 64}{7777} \approx 36000.$$

Hence, option C is correct.

**9.**

$$? = (4576 + 3286 + 5639) \div (712 + 415 + 212)$$

$$? = 13501 \div 1339 \approx 10.$$

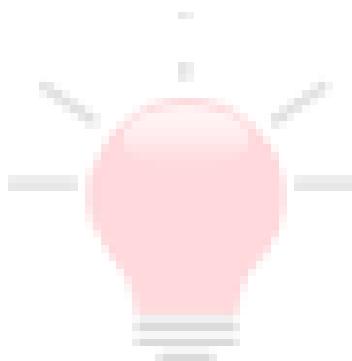
Hence, option D is correct.

**10.**

$$? \approx (340 \times 10) \div 6.4 + 1245$$

$$? \approx 531 + 1245 \approx 1776.$$

Hence, option B is correct.



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