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# Simplification Quiz for Bank Clerk Pre Exam

## Simplification Quiz 13

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

1.  $323.46 + 23.04 - 43.17 - ? = 303$

- A. 0.33                      B. 1.33                      C. 1.23  
D. 0.21                      E. 0.51

2.  $48.2 \times 2.5 \times 2.2 + ? = 270$

- A. 6.5                      B. 2.8                      C. 4.9  
D. 3.4                      E. 1.2

3.  $1\frac{1}{2} + 2\frac{2}{7} = 3\frac{1}{2} + ?$

- A.  $\frac{2}{3}$                       B.  $\frac{2}{7}$                       C.  $\frac{5}{8}$   
D.  $\frac{7}{2}$                       E.  $\frac{1}{7}$

4.  $\frac{2176 - 56 \times ?}{64} = 20$

- A. 35                      B. 20                      C. 25  
D. 16                      E. 40

5.  $128.43 + 30.21 + ? = 173$

- A. 35.66                      B. 29.66                      C. 43.66  
D. 24.66                      E. 14.36

6.  $1817 - 23 + 26 - 1385 = ?$

- A. 225                      B. 435                      C. 324  
D. 128                      E. 380

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$$7. ? - \sqrt{784} = 6 \times \sqrt{324}$$

- A. 128                      B. 160                      C. 236  
D. 53                        E. 136

$$8. 456 \div 6 \times 598 \div 23 - ? = 12^3$$

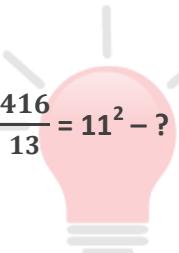
- A. 160                      B. 406                      C. 213  
D. 345                       E. 248

$$9. 32\% \text{ of } 825 + 25\% \text{ of } 1440 = 1080 - ?$$

- A. 456                      B. 206                      C. 223  
D. 216                       E. 125

$$10. \frac{616}{22} + \frac{416}{13} = 11^2 - ?$$

- A. 56                        B. 34                        C. 61  
D. 28                        E. 49



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**Correct Answers:**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
A	C	B	D	E	B	E	E	A	C

**Explanations:**

**1.**  $323.46 + 23.04 - 43.17 - ? = 303$

or,  $? = 303.33 - 303 = 0.33$

Hence, option A is correct.

**2.**  $48.2 \times 2.5 \times 2.2 + ? = 270$

or,  $? = 270 - 48.2 \times 2.5 \times 2.2$

$= 270 - 48.2 \times 5.5 = 270 - 265.1 = 4.9$

Hence, option C is correct.

**3.**

$$1\frac{1}{2} + 2\frac{2}{7} = 3\frac{1}{2} + ?$$

or,  $(1 + 2 - 3) + \left(\frac{1}{2} + \frac{2}{7} - \frac{1}{2}\right) = \frac{2}{7}$

Hence, option B is correct.

**4.**

$$\frac{2176 - 56 \times ?}{64} = 20$$

or,  $2176 - 56 \times ? = 20 \times 64$

or,  $56 \times ? = 2176 - 1280 = 896$

$$\therefore ? = \frac{896}{56} = 16$$

Hence, option D is correct.

5.  $128.43 + 30.21 + ? = 173$

or,  $? = 173 - 158.64 = 14.36$

Hence, option E is correct.

6.  $1817 - 23 + 26 - 1385 = ?$

or,  $1843 - 1408 = 435$

Hence, option B is correct.

7.  $? - \sqrt{784} = 6 \times \sqrt{324}$

or,  $? = 6 \times 18 + 28$

or,  $108 + 28 = 136$

Hence, option E is correct.

8.  $456 \div 6 \times 598 \div 23 - ? = 12^3$

or,  $? = 76 \times 26 - 1728$

$= 1976 - 1728 = 248$

Hence, option E is correct.

9.  $32\% \text{ of } 825 + 25\% \text{ of } 1440 = 1080 - ?$

or,  $? = 1080 - (32\% \text{ of } 825 + 25\% \text{ of } 1440)$

$= 1080 - \left( 32 \times 8.25 + \frac{1}{4} \times 1440 \right)$

$= 1080 - (264 + 360)$

$= 1080 - 624 = 456$

Hence, option A is correct.

**10.**

$$\frac{616}{22} + \frac{416}{13} = 11^2 - ?$$

or,  $28 + 32 = 121 - ?$

or,  $? = 121 - 60 = 61$

Hence, option C is correct



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