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# Approximation Questions for Bank Clerk Pre Exams.

## Approximation Quiz 14

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

1.  $7\frac{3}{11} \times 626 - 7\frac{2}{3} = ?$

- A. 4445                      B. 4545                      C. 4495                      D. 459                      E. 4515

2.  $49\% \text{ of } 5051 - \frac{3}{7} \text{ of } 999 = ?$

- A. 2145                      B. 2045                      C. 1945                      D. 1905                      E. 2165

3.  $4329 \div 19 + 6464 \div 13 = ?$

- A. 725                      B. 625                      C. 925                      D. 525                      E. 825

4.  $(4.012)^3 + (29.997)^2 = ?$

- A. 1925                      B. 965                      C. 745                      D. 756                      E. 805

5.  $8787 \div 343 \times \sqrt{50} = ?$

- A. 250                      B. 140                      C. 180                      D. 100                      E. 280

6.  $23\% \text{ of } 6783 + 57\% \text{ of } 8431 = ?$

- A. 6460                      B. 6420                      C. 6320                      D. 6630                      E. 6360

7.  $335.01 \times 244.99 \div 55 = ?$

- A. 1490                      B. 1550                      C. 1420                      D. 1590                      E. 1400

8.  $39.897\% \text{ of } 4331 + 58.779\% \text{ of } 5003 = ?$

- A. 4300                      B. 4500                      C. 4700                      D. 4900                      E. 5100

9.  $\sqrt{6354} \times 34.993 = ?$

- A. 3000                      B. 2800                      C. 2500                      D. 3300                      E. 2600

10.  $59.88 \div 12.21 \times 6.35 = ?$

- A. 50                      B. 200                      C. 100                      D. 150                      E. 250

**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>
B	B	A	B	C	E	A	C	B	C

**Explanations:**

**1.**

$$? = 7\frac{3}{11} \times 626 - 7\frac{2}{3}$$

$$= \frac{80}{11} \times 626 - \frac{23}{3}$$

$$\approx 4552 - 7 \approx 4545$$

Hence, option B is correct.

**2.**

$$? = 49\% \text{ of } 5051 - \frac{3}{7} \text{ of } 999$$

$$? \approx \frac{49}{100} \times 5050 - \frac{3}{7} \times 999$$

$$? \approx 2474 - 428 \approx 2046 \approx 2045$$

Hence, option B is correct..

**3.**  $? = 4329 \div 19 + 6464 \div 13$

$$\approx 228 + 497 \approx 725$$

Hence, option A is correct.

**4.**  $? = (4.012)^3 + (29.997)^2$

$$? \approx (4)^3 + (30)^2$$

$$? \approx 64 + 900 \approx 964 \approx 965$$

Hence, option B is correct.

**5.**  $? = 8787 \div 343 \times \sqrt{50}$

$$= 25.62 \times 7.07$$

$$\approx 26 \times 7 \approx 182 \approx 180$$

Hence, option C is correct.

**6.**  $? = 23\% \text{ of } 6783 + 57\% \text{ of } 8431$

$$? = \frac{23}{100} \times 6783 + \frac{57}{100} \times 8431$$

$$? = \frac{156009}{100} + \frac{480567}{100}$$

$$? = \frac{636576}{100} = 6365.76 \approx 6360$$

Hence, option E is correct.

**7.**  $? = 335.01 \times 244.99 \div 55$

$$? \approx 335 \times 245 \div 55$$

$$? \approx 335 \times 4.45 \approx 1490$$

Hence, option A is correct.

**8.**  $? = 39.897\% \text{ of } 4331 + 58.779\% \text{ of } 5003$

$$\approx 40\% \text{ of } 4330 + 59\% \text{ of } 5000$$

$$\approx \frac{40}{100} \times 4330 + \frac{59}{100} \times 5000$$

$$\approx 1732 + 2950 \approx 4682 \approx 4700$$

Hence, option C is correct.

**9.**  $? = \sqrt{6354} \times 34.993$

$$? \approx 80 \times 35 \approx 2800$$

Hence, option B is correct.

**10.**  $? = 59.88 \div 12.21 \times 6.35$

$$? \approx 60 \div 12 \times 6$$

$$? \approx 5 \times 6 \approx 30$$

Hence, option C is correct.



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