

BHARAT SCHOOL OF BANKING

SIMPLIFICATION

Directions (1-15): What should come in place the question mark (?) in the following questions?

Q1. $7872 + 6997 + 3420 = ?$

- (a) 18298
- (b) 18289
- (c) 18890
- (d) 18829
- (e) None of these

S1. Ans.(b)

Sol. $7872 + 6997 + 3420 = ?$

$\Rightarrow ? = 18289$

Q2. $682.69 + 832.87 = 10009 - ?$

- (a) 8494.40
- (b) 8493.44
- (c) 8694.60
- (d) 8993.44
- (e) None of these

S2. Ans.(b)

Sol. $682.69 + 832.87 = 10009 - ?$

$\Rightarrow ? = 10009 - 682.69 - 832.87 = 8493.44$

Q3. $47.5 \times 97.5 \times 2 = ?$

- (a) 8125
- (b) 9125
- (c) 8215
- (d) 9215
- (e) None of these

S3. Ans.(e)

Sol. $47.5 \times 97.5 \times 2 = ?$

$\Rightarrow ? = 9262.5$

Q4. $7 \frac{1}{2}$ of $220 + 308.65 + ? = 80995$

- (a) 79036.35
- (b) 7903.635
- (c) 16356.35
- (d) 89036.35
- (e) None of these

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S4. Ans.(a)

Sol. $7\frac{1}{2}$ of 220 + 308.65 + ? = 80995

$$\Rightarrow 15/2 \times 220 + 308.65 + ? = 80995$$

$$\Rightarrow 1650 + 308.65 + ? = 80995$$

$$\Rightarrow ? = 80995 - 1958.65$$

$$= 79036.35$$

Q5. $\sqrt{7921} + (?)^2 = 4\% \text{ of } 1000 + 98$

(a) 7

(b) 49

(c) 6

(d) 36

(e) None of these

S5. Ans.(a)

Sol. $\sqrt{7921} + (?)^2 = 4\% \text{ of } 1000 + 98$

$$\Rightarrow 89 + (?)^2 = \frac{4}{100} \times 1000 + 98$$

$$\Rightarrow (?)^2 = 40 + 98 - 89$$

$$\Rightarrow ? = \sqrt{49} = 7$$

Q6. $625.97 \times 7.5 + 299.87 = ? - 4632.64$

(a) 9627.285

(b) 9672.85

(c) 9227.285

(d) 9762.285

(e) None of these

S6. Ans.(a)

Sol. $625.97 \times 7.5 + 299.87 = ? - 4632.64$

$$\Rightarrow 4694.775 + 299.87 + 4632.64 = ?$$

$$\Rightarrow ? = 9627.285$$

Q7. $7860 \div 24 \times 12 + 370 = ?$

(a) 4200

(b) 4300

(c) 4600

(d) 4400

(e) None of these

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S7. Ans.(b)

Sol. $7860 \div 24 \times 12 + 370 = ?$

$\Rightarrow ? = 327.5 \times 12 + 370 = 4300$

Q8. $\sqrt{?} + 7820 = 9206 - 206 - 1100$

- (a) 9604
- (b) 8281
- (c) 6400
- (d) 8100
- (e) None of these

S8. Ans.(c)

Sol. $\sqrt{?} + 7820 = 9206 - 206 - 1100$

$\Rightarrow \sqrt{?} = 7900 - 7820$

$\Rightarrow ? = [(80)]^2 = 6400$

Q9. $8999 + 7999 + 6999 = ?$

- (a) 24997
- (b) 24979
- (c) 23979
- (d) 23997
- (e) None of these

S9. Ans.(d)

Sol. $8999 + 7999 + 6999 = ?$

$\Rightarrow ? = 23997$

Q10. $6840 \div 100 \div 50 = ?$

- (a) 3420
- (b) 13.68
- (c) 1.368
- (d) 342
- (e) None of these

S10. Ans.(c)

Sol. $6840 \div 100 \div 50 = ?$

$\Rightarrow ? = 1.368$