



Competitive Exam Preparation

Banking Quant Sample Module

PERCENTAGE MASTER KIT

Master One Topic. Improve Your Entire Quant Score.

Percentage is one of the most important topics in Banking examinations because it is directly or indirectly used in:

- ✓ Percentage
- ✓ Profit & Loss
- ✓ Ratio & Proportion
- ✓ Simple Interest
- ✓ Compound Interest
- ✓ Data Interpretation
- ✓ Partnership
- ✓ Mixture & Alligation

What You Will Learn

- ✓ Percentage Basics
- ✓ Fraction–Percentage Conversion
- ✓ Banking Shortcuts
- ✓ SBI/IBPS Pattern Questions
- ✓ Practice Exercises
- ✓ Answer Key

Why Percentage Matters

Students who become fast in Percentage usually become faster in Arithmetic and Data Interpretation. In Banking Exams, Percentage is not a chapter—it is a tool used throughout Quantitative Aptitude.



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Core Concepts & High-Speed Tricks

Percentage to Fraction Conversion

Percentage Fraction

50%	1/2
25%	1/4
20%	1/5
12.5%	1/8
10%	1/10
33.33%	1/3
66.67%	2/3
75%	3/4

Fraction to Percentage

Fraction Percentage

1/2	50%
1/4	25%
1/5	20%
3/4	75%
1/8	12.5%

Banking Shortcuts

25% of N = $N \div 4$

50% of N = $N \div 2$

12.5% of N = $N \div 8$

150% of N = $1.5N$

200% of N = $2N$



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Exam Tip

Memorising these values can save 5–10 minutes in the Quant section.

Solved Examples

Example 1

25% of 480 = ?

Solution:

$$25\% = 1/4$$

$$480 \div 4 = 120$$

Answer = 120

Example 2

12.5% of 640 = ?

Solution:

$$12.5\% = 1/8$$

$$640 \div 8 = 80$$

Answer = 80

Example 3

36% of 250 + 24% of 250

Solution:

$$(36\% + 24\%) \text{ of } 250$$

$$60\% \text{ of } 250$$

$$= 150$$

Answer = 150

Example 4

39.8% of 749 + 24.9% of 640

Approximate.

Solution:

$$40\% \text{ of } 750 = 300$$

$$25\% \text{ of } 640 = 160$$

$$\text{Total} = 460$$

Answer \approx 460



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Banking Shortcut

When the same base number appears, combine percentages first.

Practice Exercise

Q1

25% of 360 = ?

- A. 80
- B. 85
- C. 90
- D. 95
- E. 100

My Answer _____

Q2

12.5% of 480 = ?

- A. 50
- B. 55
- C. 60
- D. 65
- E. 70

My Answer _____

Q3

20% of 900 = ?

- A. 160
- B. 170
- C. 180
- D. 190
- E. 200

My Answer _____



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Q4

75% of 320 = ?

- A. 220
- B. 230
- C. 240
- D. 250
- E. 260

My Answer _____

Q5

150% of 240 = ?

- A. 320
- B. 340
- C. 360
- D. 380
- E. 400

My Answer _____

Banking Exam Challenge

Moderate Level

Q6

35% of 800 = ?

- A. 260
- B. 270
- C. 280
- D. 290
- E. 300

My Answer _____



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Q7

45% of 600 = ?

- A. 260
- B. 270
- C. 280
- D. 290
- E. 300

My Answer _____

Q8

37.5% of 320 = ?

- A. 110
- B. 115
- C. 120
- D. 125
- E. 130

My Answer _____

Q9

24% of 250 + 36% of 250

- A. 120
- B. 130
- C. 140
- D. 150
- E. 160

My Answer _____

Q10

12.5% of 800 + 25% of 400

- A. 180
- B. 190
- C. 200
- D. 210
- E. 220



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My Answer _____

Answer Key & Exam Strategy

Answer Key

Question Answer

Q1	C
Q2	C
Q3	C
Q4	C
Q5	C
Q6	C
Q7	B
Q8	C
Q9	D
Q10	C

Common Mistakes

- ✗ Confusing percentage and fraction values
 - ✗ Ignoring shortcut conversions
 - ✗ Rounding incorrectly
 - ✗ Solving slowly instead of using mental calculation
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Trainer Advice

Percentage is a foundational topic.

Students should aim to solve:

- ✓ Easy Questions in 15–20 seconds
 - ✓ Moderate Questions in 25–30 seconds
 - ✓ Approximation Questions in under 30 seconds
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