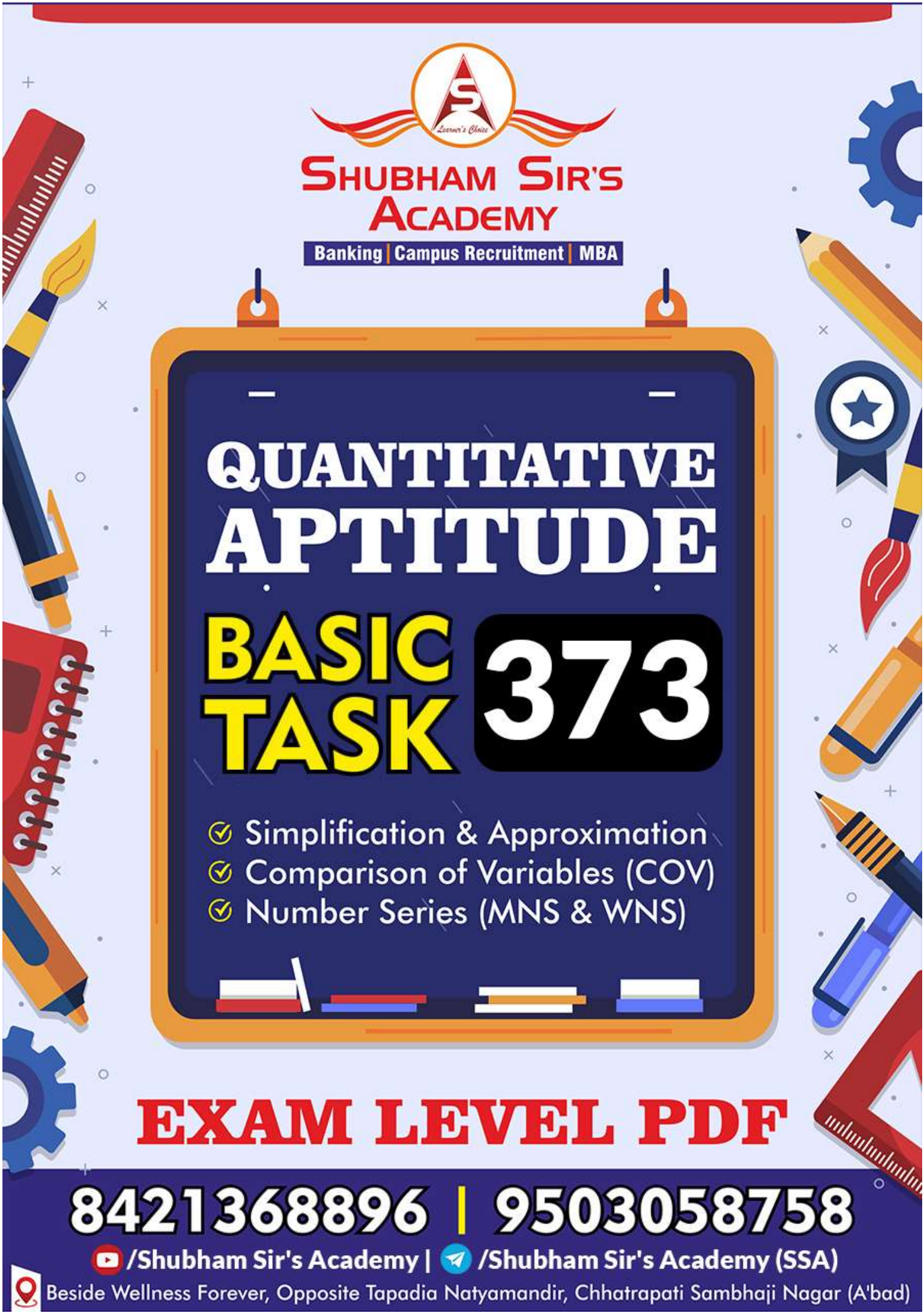
SHUBHAM SIR'S ACADEMY
Banking | Campus Recruitment | MBA
QUANTITATIVE APTITUDE
BASIC TASK 373
Simplification & Approximation
Comparison of Variables (COV)
Number Series (MNS & WNS)
EXAM LEVEL PDF
8421368896 | 9503058758
/Shubham Sir's Academy | /Shubham Sir's Academy (SSA)
Beside Wellness Forever, Opposite Tapadia Natyamandir, Chhatrapati Sambhaji Nagar (A'bad)

1. SIMPLIFICATION AND APPROXIMATION

Find x. (Simplification & Approximation)

1. (1260 + 3240) ÷ 9 = x^4 – 776

A) 8 B) 6 C) 5 D) 7 E) 4

2. (15.6 + 13.2 + 21.7) – (8.9 + 4.6 + 12) = x ÷ 13

A) 350 B) 300 C) 375 D) 275 E) 325

3. $\frac{16\% \text{ of } 152}{22\% \text{ of } 44}$ = x ÷ (21296 ÷ 11)

A) 2234 B) 4864 C) 4234 D) 4894 E) 4764

4. x + 484.32 + 160.59 = 762.48 – 468.32 + 247.75

A) – 107 B) – 105 C) – 103 D) – 101 E) – 99

5. 11.11 + 111.01 + 11.110 + 1.100 = x

A) 136.33 B) 135.33 C) 134.33 D) 137.33 E) 138.33

6. x + 714 = $(26)^2$ + $(12)^2$ – 64

A) 35 B) 28 C) 42 D) 41 E) 49

7. $8\frac{1}{3} + 7\frac{1}{4} + 5\frac{1}{6} - 3\frac{2}{8} = x + 8\frac{6}{6}$

A) $7\frac{1}{2}$ B) $9\frac{1}{2}$ C) $10\frac{1}{2}$ D) $4\frac{1}{2}$ E) $8\frac{1}{2}$

8. $\sqrt[3]{2197}$ + 21 × 11 + $\sqrt{625}$ = x – (13 × 15)

A) 484 B) 464 C) 474 D) 494 E) 454

9. $\sqrt{\frac{24 \times 792}{11 \times 12}}$ + 23 × 11 = x + (4.25 × 8)

A) 235 B) 227 C) 233 D) 229 E) 231

Learner's Choice

10. 2418.065 + 88 ÷ 14.2 × 6 = x

A) 2470 B) 2465 C) 2460 D) 2450 E) 2455

11. $\sqrt[3]{13824.3} + (46.85)^2 = x$

A) 2090 B) 2100 C) 2230 D) 2175 E) 2325

12. 64.9% of 8920.2 + x% of 5320.4 = 6830.1862

A) 36 B) 20 C) 17 D) 31 E) 9

13. 25.896 × 5249.80 ÷ 349.78 + $\sqrt{575.94} = x$

A) 526 B) 457 C) 482 D) 392 E) 414

14. $(11.02)^2 + (15.89)^2 - (14.01)^2 = x$

A) 281 B) 181 C) 141 D) 161 E) 81

15. 36.02% of 225 + 42.02% of 400 = x% of 199.98

A) 136.5 B) 12.45 C) 124.5 D) 144.5 E) 184.5

Answer Key

1)	B	**6)**	C	**11)**	C
2)	E	**7)**	E	**12)**	B
3)	B	**8)**	B	**13)**	E
4)	C	**9)**	E	**14)**	B
5)	C	**10)**	E	**15)**	C

Note: For any Corrections / Suggestions, feel free to Contact via Telegram 9503058758.

2. COMPARISON OF VARIABLES

Compare between x and y

A) If $x > y$
B) If $x < y$
C) if $x \geq y$
D) if $x \leq y$
E) if $x = y$ or CNBD

1.
I. $x^2 - 7x + 12 = 0$ **II. $y^2 - 12y + 32 = 0$**

2.
I. $x^3 - 371 = 629$ **II. $y^3 - 543 = 788$**

3.
I. $2x^2 - 7x + 3 = 0$ **II. $2y^2 - 7y + 6 = 0$**

4.
I. $2x^2 + 11x + 14 = 0$ **II. $2y^2 + 15y + 28 = 0$**

5.
I. $x^2 - 241 = 243$ **II. $y^2 + 44y + 484 = 0$**

6.
I. $x^2 - 11x + 24 = 0$ **II. $3y^2 - 7y - 6 = 0$**

7.
I. $x^2 = 25$ **II. $y^2 - 6y + 9 = 0$**

8.
I. $x^2 = 16$ **II. $y^2 - 9y + 20 = 0$**

Learner's Choice

9.

I. $x = \sqrt{625}$ **II.** $y = \sqrt{676}$

10.

I. $x^2 + 4x + 4 = 0$ **II.** $y^2 - 8y + 16 = 0$

11.

I. $5x^2 + 3x - 36 = 0$ **II.** $3y^2 + 7y - 40 = 0$

12.

I. $3x^2 - 4x - 32 = 0$ **II.** $4y^2 + 45y + 126 = 0$

13.

I. $2x^2 - 10x + 8 = 0$ **II.** $y^2 - 13y - 140 = 0$

14.

I. $x^2 - x - 42 = 0$ **II.** $y^2 - 17y + 72 = 0$

15.

I. $x^2 - 30x + 225 = 0$ **II.** $y^2 - 37y + 342 = 0$

Answer Key

1)	D	**6)**	C	**11)**	E
2)	B	**7)**	E	**12)**	A
3)	E	**8)**	D	**13)**	E
4)	C	**9)**	B	**14)**	B
5)	C	**10)**	B	**15)**	B

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3. NUMBER SERIES (MNS & WNS)

Find Missing number (MNS Q1-Q8) & Find Wrong number (WNS Q9-Q15)

1. 17, 23, 115, 121. 605, x

A) 611 B) 1236 C) 1155 D) 755 E) None

2. 14, 158, x, 610, 934, 1334

A) 256 B) 324 C) 354 D) 465 E) None

3. 242, 269, x, 458, 674, 1017

A) 333 B) 303 C) 373 D) 423 E) None

4. 120, 240, 720, 3600, 25200, x

A) 145687 B) 277200 C) 567245 D) 125875 E) None

5. 246, 250, 266, x, 586

A) 340 B) 330 C) 420 D) 410 E) None

6. 217, 246, x, 420, 652, 1116

A) 304 B) 320 C) 400 D) 312 E) None

7. 162, 258, 338, x, 450, 482

A) 396 B) 398 C) 400 D) 402 E) None

8. 234, 236, x, 1912, 15312

A) 376 B) 576 C) 176 D) 476 E) None

9. 49, 50, 102, 414, 1240, 6205

A) 1240 B) 414 C) 50 D) 102 E) 49

10. 21, 277, 502, 700, 867

A) 21 B) 277 C) 700 D) 867 E) 502

Learner's Choice

11. 10, 41, 78, 127, 162, 209

A) 127 B) 209 C) 41 D) 162 E) 78

12. 17, 36, 53, 70, 89, 108

A) 17 B) 36 C) 70 D) 89 E) 108

13. 91, 89, 93, 87, 96, 85

A) 96 B) 91 C) 85 D) 89 E) 93

14. 10, 5, 7.5, 18.75, 70

A) 10 B) 5 C) 70 D) 7.5 E) 18.75

15. 129, 127, 131, 123, 139, 100

A) 100 B) 129 C) 131 D) 139 E) 127

Answer Key

1)	A	**6)**	A	**11)**	A
2)	C	**7)**	D	**12)**	C
3)	A	**8)**	D	**13)**	A
4)	B	**9)**	B	**14)**	C
5)	B	**10)**	C	**15)**	A

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AIC

Agriculture Insurance Company of India

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Agriculture Field Officer

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Bank of Maharashtra
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ROHAN ATHAWALE
Punjab National Bank
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Agriculture Field Officer

SHARDA TRIBHUVAN
Central Bank of India
Agriculture Field Officer

SHUBHANGEE BHAGAT
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Agriculture Field Officer

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Agriculture Field Officer

AKSHAY KALDATE
Central Bank of India
Agriculture Field Officer

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IT Officer

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GANESH LOKHANDE
Central Bank of India
Agriculture Field Officer

GOVINDA DANGE
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IT Officer

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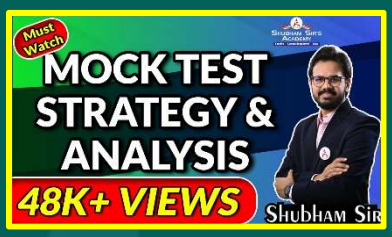

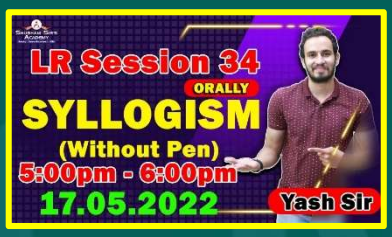

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