SHUBHAM SIR'S ACADEMY

Banking | Campus Recruitment | MBA

QUANTITATIVE APTITUDE

BASIC TASK 370

- 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. $\frac{67}{264} \times \frac{66}{201} \times x = 12$

A) 144 B) 156 C) 140 D) 138 E) 152

2. $\sqrt{5041} + \sqrt{576} - \sqrt{4096} = x$

A) 36 B) 25 C) 31 D) 39 E) 38

3. $(34)^2 - (38)^2 + (31)^2 = x$

A) 694 B) 673 C) 678 D) 658 E) 701

4. $(x)^2 + 9^3 = 33^2 - 36$

A) 2 B) 38 C) 30 D) 18 E) 14

5. 55.55% of 45 + 57.14% of 91 = x

A) 74 B) 89 C) 92 D) 86 E) 77

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

A) $\frac{71}{8}$ B) $\frac{73}{8}$ C) $\frac{65}{8}$ D) $\frac{63}{4}$ E) $7\frac{1}{8}$

7. $(1285 + 215 - 720) \div (1620 + 1200 - 69.5 \times 40) = x$

A) 23.5 B) 13 C) 21.5 D) 17.5 E) 19.5

8. 25% of 360 + 12.5 × 4 = x^2 + 40

A) 9 B) 8 C) 10 D) 12 E) 6

9. 324 + x^2 = 40% of 1450

A) 18 B) 8 C) 12 D) 16 E) 14

10. $\frac{15.003}{49.99-x}$ × 59.99% of 800.01 = 240.04

A) 40 B) 20 C) 10 D) 50 E) 30

11. $\left[(2196.99)^{\frac{1}{3.03}}\right]^{2.01} = x - 147.02$

A) 316 B) 329 C) 372 D) 248 E) 296

12. 79.98% of 550.02 + 44.98% of 799.99 = x^2 × 7.99

A) 16 B) 10 C) 15 D) 12 E) 21

13. (79.97% of 250.02) of 4.99 ÷ $(4.97)^2$ = x

A) 40 B) 70 C) 90 D) 60 E) 20

14. 66.01 + 39.97% of 475.01 = $(x)^2$

A) 19 B) 17 C) 15 D) 14 E) 16

15. $(\sqrt{501.97 + 173.99})$ × 15.01 = x + 219.99

A) 175 B) 170 C) 185 D) 180 E) 165

Answer Key

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

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. $x^2 + x - 12 = 0$ **II.** $y^2 - 5y + 6 = 0$

2.
I. $x^2 + 9x + 18 = 0$ **II.** $y^2 - 13y + 40 = 0$

3.
I. $x^2 - 24x + 144 = 0$ **II.** $y^2 - 26y + 169 = 0$

4.
I. $2x^2 + 3x - 20 = 0$ **II.** $2y^2 + 19y + 44 = 0$

5.
I. $x^2 - 6x = 7$ **II.** $2y^2 + 13y + 15 = 0$

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

7.
I. $2x^2 + 11x + 14 = 0$ **II.** $2y^2 + 15y + 28 = 0$

8.
I. $x^2 + 7x + 12 = 0$ **II.** $4y^2 = 36$

Learner's Choice

9.

I. $x^2 + 19x + 84 = 0$ **II.** $y^2 + 14y + 49 = 0$

10.

I. $x^2 - 5x + 6 = 0$ **II.** $y^2 - 4y + 4 = 0$

11.

I. $(x + 7)^2 = 13 - x$ **II.** $(y - 13)^2 = 25$

12.

I. $x^2 + 27x - 324 = 0$ **II.** $y^2 - 34y + 225 = 0$

13.

I. $x^2 + 7x - 98 = 0$ **II.** $y^2 - 24y + 128 = 0$

14.

I. $x^2 - x - 306 = 0$ **II.** $y^2 + 10y + 9 = 0$

15.

I. $x^2 - 26x + 133 = 0$ **II.** $y^2 + 13y - 114 = 0$

Answer Key

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

Learner's Choice

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3. NUMBER SERIES (MNS & WNS)

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

1. 239, 238, 242, x, 249, 224

A) 235 B) 246 C) 233 D) 231 E) None

2. 224, 112, 336, x, 420, 70

A) 84 B) 52 C) 34 D) 274 E) None

3. 6, x, 17, 32, 56, 91

A) 8 B) 5 C) 9 D) 10 E) None

4. x, 8, 18, 57, 232, 1165

A) 6 B) 7 C) 4 D) 3 E) None

5. 63, 71, 87, 119, x, 311

A) 183 B) 172 C) 171 D) 163 E) None

6. 12, 18, 36, x, 270, 945, 3780

A) 90 B) 100 C) 120 D) 180 E) None

7. x, 103, 121, 131, 151, 159

A) 88 B) 74 C) 56 D) 91 E) None

8. 189, x, 216, 243, 279, 324

A) 191 B) 197 C) 196 D) 204 E) 198

9. 16, 7, 5, 7, 24, 188

A) 24 B) 188 C) 16 D) 7 E) 5

10. 18, 10, 12, 28, 120, 972

A) 972 B) 28 C) 120 D) 18 E) 12

Learner's Choice

11. 8, 14, 26, 50, 98, 196

A) 98 B) 14 C) 196 D) 50 E) 8

12. 27, 38, 53, 74, 103, 144

A) 144 B) 27 C) 53 D) 74 E) 103

13. 16, 33, 67, 135, 271, 544

A) 16 B) 33 C) 67 D) 544 E) 271

14. 18, 36, 40, 240, 248, 2880

A) 2880 B) 248 C) 18 D) 240 E) 36

15. 114, 140, 175, 224, 288, 369

A) 114 B) 140 C) 224 D) 369 E) 288

Answer Key

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

Learner's Choice

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MSC BANK

Maharashtra State Co-op Bank

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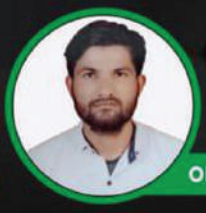
30 Students selected in MSC BANK

LIST 1

AKASH LADUKAR

AKASH RODE

AKSHAY NAWLE



BALAJI JAGTAP

DHANASHRI PIPRADE

DNYANESHWAR SHELKE

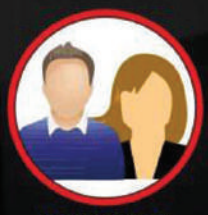
LAXMIKANT GAVHANE

MAYUR JAYBHAYE

MOHINI GHODKE

NIKHIL WAGH

NILESH TISHTAK



YOU CAN BE THE NEXT

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LIST 2

OMKAR KHOT

PANKAJ WAGH

POOJA FUGALE

POOJA GADHE

POOJA RAJKUMAR

PREM NADE

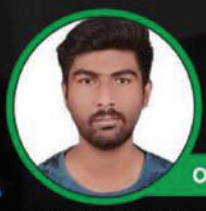
RAJESH RAHADE

SAURABH KHANDARE

SATISH NIWALKAR

SHANKAR SHELKE

SHITAL KHOT



SHIVSHANKAR GHATTE

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LIST 3

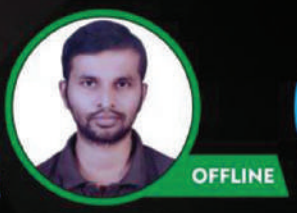
SHUBHAM DEOKATE

SHUBHAM JADHAV

SNEHA GHUGE

SNEHA GOLEGAONKAR

SONALI GOTE



SUJIT GAIKWAD

SUMEET WAGH

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Our Students Selected as

NIACL AO

ADMINISTRATIVE OFFICER

AKASH WADANKAR

NIRANJAN PATIL

PAWAN CHUNADE

PRAJWAL TAYDE

RAHUL MAGAR

RAVI HANWATE

RUSHIKESH KSHIRSAGAR

VAISHNAV KAWARE

VAISHNAVI RAUT

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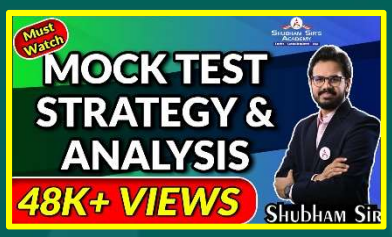

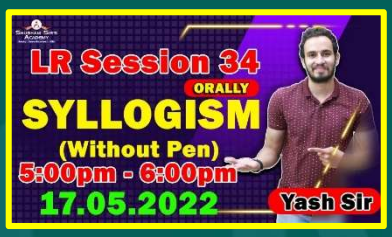

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