



**SHUBHAM SIR'S
ACADEMY**

Banking | Campus Recruitment | MBA

QUANTITATIVE APTITUDE **BASIC TASK 375**

- ✓ 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 Q1-Q9 & Approximation Q10-Q15)

1. $(512)^{1/3} + \sqrt{64} \div \sqrt[3]{8} = x - 17\% \text{ of } 800$

- A) 148 B) 152 C) 162 D) 172 E) 192

2. $[(\sqrt{576} \times \sqrt{169}) \div \sqrt{676}]^2 = x^2 \div 4$

- A) 25 B) 26 C) 28 D) 24 E) 30

3. $(1224 \div 51) \times 13 = x + 16^2 - 26\% \text{ of } 500$

- A) 196 B) 186 C) 156 D) 146 E) 166

4. $(23 \times 15) + (19\% \text{ of } 1800) + (16 \times 24) = x \times 17 \times 9$

- A) 8 B) 6 C) 7 D) 9 E) 3

5. $22 \times 16 + \sqrt{2500} + 4^2 = x + \sqrt{361}$

- A) 401 B) 399 C) 387 D) 369 E) 349

6. $26.66\% \text{ of } 1110 + 5\% \text{ of } 2510 = x$

- A) 421.5 B) 422.5 C) 425.5 D) 426.5 E) 411.5

7. $(155 + 115) \div 9 + x = 18\% \text{ of } 950$

- A) 181 B) 152 C) 161 D) 141 E) 121

8. $960 \times \sqrt{256} \div 48 + 24\% \text{ of } 520 = x$

- A) 447.8 B) 442.8 C) 444.8 D) 452.8 E) 480.8

9. $(15 \times 92) + (24 \times 12) = x + (57 \times 11)$

- A) 1261 B) 1141 C) 1022 D) 1041 E) 1241

10. $180.189 \times 1.908 + 10.902 \times 3.125 - 19.984 \times 5.190 = x$

- A) 293 B) 169 C) 189 D) 225 E) 278



11. $45.459\% \text{ of } 88.187 + x \times 7.198 = 31.197 \times 3.908$

- A) 19 B) 16 C) 8 D) 12 E) 21

12. $83.33\% \text{ of } 132.389 + 49.903 \times 2.908 + \sqrt{80.912} \times 1.18 = x$

- A) 269 B) 258 C) 281 D) 288 E) 295

13. $45.432\% \text{ of } 59.923 + 2099.891 \div \sqrt{50.12} - 126.912 = x$

- A) 180 B) 200 C) 220 D) 160 E) 140

14. $12.158^2 + \sqrt{x} = 34.012 + 24.190 \times 4.902$

- A) 90 B) 110 C) 100 D) 105 E) 95

15. $466.976 - 245.146 + 122.987 = x + 144.908$

- A) 180 B) 200 C) 160 D) 220 E) 150

Answer Key

- | | | | | | |
|----|---|-----|---|-----|---|
| 1) | A | 6) | A | 11) | D |
| 2) | D | 7) | D | 12) | A |
| 3) | B | 8) | C | 13) | B |
| 4) | C | 9) | D | 14) | C |
| 5) | B | 10) | A | 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.

$$\text{I. } x^2 - 9x + 18 = 0$$

$$\text{II. } 2y^2 - 7y + 5 = 0$$

2.

$$\text{I. } 5x^2 + 2x - 16 = 0$$

$$\text{II. } 2y^2 - 13y + 20 = 0$$

3.

$$\text{I. } x^2 - 13x + 42 = 0$$

$$\text{II. } y^2 + 6y - 55 = 0$$

4.

$$\text{I. } 9x^2 - 11x + 2 = 0$$

$$\text{II. } 2y^2 - 7y + 6 = 0$$

5.

$$\text{I. } x^2 - 14x + 45 = 0$$

$$\text{II. } y^2 + 8y - 65 = 0$$

6.

$$\text{I. } 4x - 3y = 16$$

$$\text{II. } 7x - 8y = 17$$

7.

$$\text{I. } 12x^2 - 41x + 35 = 0$$

$$\text{II. } 3y^2 - 17y - 28 = 0$$

8.

$$\text{I. } 2x^2 - 117x + 1701 = 0$$

$$\text{II. } y^2 = 1024$$

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9.

I. $4x^2 - x - 3 = 0$

II. $4y^2 - 16y + 15 = 0$

10.

I. $x = (-7)^2$

II. $y^2 - 46y - 147 = 0$

11.

I. $10x^2 + 33x + 27 = 0$

II. $5y^2 + 19y + 18 = 0$

12.

I. $12x^2 - x - 1 = 0$

II. $20y^2 - 41y + 20 = 0$

13.

I. $6x^2 + 25x + 24 = 0$

II. $12y^2 + 13y + 3 = 0$

14.

I. $2x^2 - 15x + 27 = 0$

II. $5y^2 - 26y + 33 = 0$

15.

I. $2x^2 - 15x + 28 = 0$

II. $4y^2 - 23y + 30 = 0$

Answer Key

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

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. 3, 5.5, 12, 31, 94, x

- A) 340 B) 320 C) 330 D) 360 E) 380

2. 18, 29, 43, 62, 88, x

- A) 123 B) 133 C) 143 D) 163 E) 113

3. x, 6, 24, 120, 720, 5040

- A) 1 B) 5 C) 2 D) 3 E) 4

4. 17, 136, 952, 5712, x, 114240

- A) 28560 B) 28460 C) 28160 D) 28060 E) 28780

5. 142, 169, 233, 358, 574, x

- A) 677 B) 877 C) 828 D) 917 E) 570

6. 16, 40, 120, 420, 1680, x

- A) 7260 B) 7160 C) 7560 D) 7460 E) 7360

7. 79, 91, 111, 141, 183, x

- A) 239 B) 249 C) 209 D) 289 E) 269

8. x, 23, 41, 77, 149, 293

- A) 15 B) 14 C) 18 D) 10 E) 11

9. 405, 135, 810, 80, 1080, 72

- A) 72 B) 80 C) 405 D) 135 E) 810

10. 22, 45, 92, 184, 378

- A) 45 B) 22 C) 92 D) 184 E) 378



11. 223, 216, 207, 195, 180, 158

A) 216

B) 207

C) 195

D) 180

E) 158

12. 2997, 1666, 937, 594, 475, 442, 441

A) 937

B) 2997

C) 475

D) 441

E) 937

13. 290, 357, 442, 530, 626, 730

A) 357

B) 290

C) 442

D) 626

E) 730

14. 196, 676, 144, 576, 98, 484, 64

A) 676

B) 196

C) 98

D) 64

E) 576

15. 12, 5, 4, 7, 9, 21.5

A) 7

B) 21.5

C) 9

D) 4

E) 5

Answer Key

1)

C

6)

C

11)

D

2)

A

7)

A

12)

C

3)

C

8)

B

13)

A

4)

A

9)

B

14)

C

5)

D

10)

D

15)

A

Learner's Choice

* * * * *

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Students selected in
MSC BANK

LIST 1



YOUTUBE FOLLOWER

AKASH LADUKAR



YOUTUBE FOLLOWER

AKASH RODE



OFFLINE

AKSHAY NAWLE



OFFLINE

BALAJI JAGTAP



3rd ONLINE

DHANASHRI PIPRADE



OFFLINE

DNYANESHWAR SHELKE



OFFLINE

LAXMIKANT GAVHANE



OFFLINE

MAYUR JAYBHAYE



8th ONLINE

MOHINI GHODKE



4th ONLINE

NIKHIL WAGH



YOUTUBE FOLLOWER

NILESH TISHTAK



YOU CAN BE
THE NEXT

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Students selected in
MSC BANK

LIST 2



1st ONLINE

OMKAR KHOT



YOUTUBE FOLLOWER

PANKAJ WAGH



YOUTUBE FOLLOWER

POOJA FUGALE



OFFLINE

POOJA GADHE



10th ONLINE

POOJA RAJKUMAR



YOUTUBE FOLLOWER

PREM NADE



YOUTUBE FOLLOWER

RAJESH RAHADE



4th ONLINE

SAURABH KHANDARE



YOUTUBE FOLLOWER

SATISH NIWALKAR



OFFLINE

SHANKAR SHELKE



5th ONLINE

SHITAL KHOT



OFFLINE

SHIVSHANKAR GHATTE

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Students selected in
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LIST 3



10th ONLINE

SHUBHAM DEOKATE



1st ONLINE

SHUBHAM JADHAV



OFFLINE

SNEHA GHUGE



10th ONLINE

SNEHA GOLEGAONKAR



10th ONLINE

SONALI GOTÉ



OFFLINE

SUJIT GAIKWAD



5th ONLINE

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 KSHIRSGAR



VAISHNAV KAWARE



VAISHNAVI RAUT



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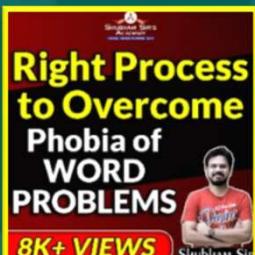
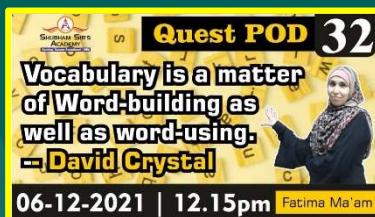
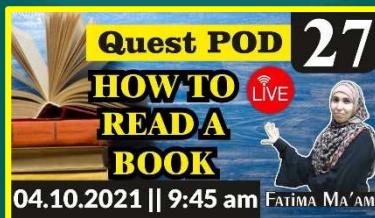
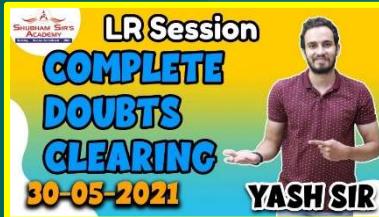
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