



**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.

I. $x^2 - 9x + 18 = 0$

II. $2y^2 - 7y + 5 = 0$

2.

I. $5x^2 + 2x - 16 = 0$

II. $2y^2 - 13y + 20 = 0$

3.

I. $x^2 - 13x + 42 = 0$

II. $y^2 + 6y - 55 = 0$

4.

I. $9x^2 - 11x + 2 = 0$

II. $2y^2 - 7y + 6 = 0$

5.

I. $x^2 - 14x + 45 = 0$

II. $y^2 + 8y - 65 = 0$

6.

I. $4x - 3y = 16$

II. $7x - 8y = 17$

7.

I. $12x^2 - 41x + 35 = 0$

II. $3y^2 - 17y - 28 = 0$

8.

I. $2x^2 - 117x + 1701 = 0$

II. $y^2 = 1024$



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

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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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MSC BANK

Maharashtra State Co-op Bank



SHUBHAM SIR'S
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30

Students selected in MSC BANK

LIST 1



YOUTUBE
FOLLOWER

AKASH LADUKAR



YOUTUBE
FOLLOWER

AKASH RODE



OFFLINE

AKSHAY NAWLE



OFFLINE

BALAJI JAGTAP



3rd ONLINE

DHANASHRI PIPTADE



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

IF in case any STUDENT has not been mentioned here, Kindly contact Shubham Sir.

Beside Gangar eyenation, Above
Titan Eyeplus, Nirala Bazar, Aurangabad

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ADMISSIONS OPEN
ONLINE BATCHES

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Shubham Sir's Academy



MSC BANK

Maharashtra State Co-op Bank



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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



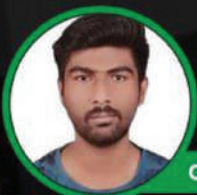
OFFLINE

SHANKAR SHELKE



5th ONLINE

SHITAL KHOT



OFFLINE

SHIVSHANKAR GHATTE

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Students selected in
MSC BANK

LIST 3



10th ONLINE

SHUBHAM DEOKATE



1st ONLINE

SHUBHAM JADHAV



OFFLINE

SNEHA GHUGE



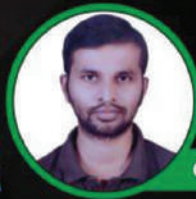
10th ONLINE

SNEHA GOLEGAONKAR



10th ONLINE

SONALI GOTE



OFFLINE

SUJIT GAIKWAD



5th ONLINE

SUMET WAGH



YOU CAN BE
THE **NEXT**...

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Our Students Selected as
NIACL AO
ADMINISTRATIVE OFFICER



GENERALIST

AKASH WADANKAR



AUTOMOBILE

NIRANJANA PATIL



AUTOMOBILE

PAWAN CHUNAIDE



GENERALIST

PRAJWAL TAYDE



RISK ENGG.

RAHUL MAGAR



GENERALIST

RAVI HANWATE



AUTOMOBILE

RUSHIKESH KSHIRSAGAR



RISK ENGG.

VAISHNAV KAWARE



IT OFFICER

VAISHNAVI RAUT





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THE NEXT...

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contact Shubham Sir.

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Natyamandir, Chhatrapati Sambhaji Nagar.
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 Shubham Sir's Academy

QUEST POD 36
What makes a **PERFORMER..??**
13.01.2022 | 12:15pm | Fatima Ma'am

SESSION 95 YouTube LIVE
PARAJUMBLE
PRE LEVEL
SBI CLERK
IDBI EXECUTIVE
08.12.2023 | 10:30am | FATIMA MA'AM

SESSION 93 YouTube LIVE
CLOZE TEST
SBI CLERK PRE
AFO PRE LEVEL 2023
24.11.2023 | 11:45am | FATIMA MA'AM

LR Session
COMPLETE DOUBTS CLEARING
30-05-2021 | YASH SIR

Quest POD 26
THE TIMES OF INDIA
EDITORIAL ANALYSIS
20.09.2021 | 9:45am | FATIMA MA'AM

MEGA MARATHON SESSION
SBI PO PRE
15.12.2022 | 2:00pm - 5:00pm | YASH SIR

SESSION 94 YouTube LIVE
SBI PO MAIN EXAM 2023
02.12.2023 | 09:00am | FATIMA MA'AM

SSA'S CHRONICLES OF TRIUMPH
VICTOR 92
Central RAILWAY Group C:
(Assistant Pointsman)
Bachelor of Arts (Open University) B.Ed
07.12.2023 | 5:00pm | Ibrahim Shaikh

RRB PO MEGA SESSION
PRELIMS SESSION
30.07.2021 | 2:00pm - 4:00pm | YASH SIR

WEEKLY TALK
101
DOCUMENT ISSUES
07.03.2022 | Shubham Sir

Quest POD 27
HOW TO READ A BOOK
04.10.2021 | 9:45 am | FATIMA MA'AM

MOCK TEST STRATEGY & ANALYSIS
48K+ VIEWS | Shubham Sir

QUEST POD 38
Developing INTEREST in READING
01.02.2022 | 10:45am | Fatima Ma'am

WEEKLY TALK
WT 77
PRESSURE HANDLING
26K+ VIEWS | Shubham Sir

MEGA MARATHON SESSION
PRELIMS & MAINS
19.06.2021 | 9:00 AM - 12:00 PM | YASH SIR

QUEST POD 61
COMPREHENSIVE ENGLISH STUDY PLAN
24.01.2023 | 10:45am | Fatima Ma'am

Quest POD 32
Vocabulary is a matter of Word-building as well as word-using.
- David Crystal
06.12.2021 | 12.15pm | Fatima Ma'am

LR Session 34 ORALLY
SYLLOGISM
(Without Pen)
5:00pm - 6:00pm | 17.05.2022 | Yash Sir

Right Process to Overcome Phobia of WORD PROBLEMS
8K+ VIEWS | Shubham Sir

READING WITH UNDERSTANDING Or READING TO UNDERSTAND
QUEST POD 40
HOW TO GET COMMAND OVER RC
09.03.2022 | 12.00pm | Fatima Ma'am

QUEST POD 65
EXAM WALA MINDSET
14.01.2023 | 9:00am | Fatima Ma'am



NEW BATCH 9503058758/8421368896