



**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.  $(1260 + 3240) \div 9 = x^4 - 776$

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

2.  $(15.6 + 13.2 + 21.7) - (8.9 + 4.6 + 12) = x \div 13$

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

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

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

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

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

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

10.  $2418.065 + 88 \div 14.2 \times 6 = x$

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.  $64.9\% \text{ of } 8920.2 + x\% \text{ of } 5320.4 = 6830.1862$

A) 36

B) 20

C) 17

D) 31

E) 9

13.  $25.896 \times 5249.80 \div 349.78 + \sqrt{575.94} = x$

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.  $36.02\% \text{ of } 225 + 42.02\% \text{ of } 400 = x\% \text{ of } 199.98$

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.



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## 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



**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

*Learner's Choice*

\* \* \* \* \*

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# AIC

Agriculture Insurance  
Company of India

**Our Students Selected as**

## ADMINISTRATIVE OFFICERS (AO)



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



**BHUSHAN DHAWANE**



**HRUSHIKESH KHARAT**



**PARAG DATIR**



**SAURAV DHOLE**

 **Shubham Sir's Academy**  
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# IBPS SO

## LIST 2



10th ONLINE

**NIKITA BORKAR**

**Punjab National Bank**  
Marketing Officer



INTERVIEW

**PAVAN WAGH**

**Central Bank of India**  
Agriculture Field Officer



A2 ONLINE

**PRANOTI PATRE**

**Punjab National Bank**  
Marketing Officer



1st ONLINE

**PRASHANT CHOUDHARI**

**Bank of Maharashtra**  
IT Officer



13th ONLINE

**ROHAN ATHAWALE**

**Punjab National Bank**  
Marketing Officer



INTERVIEW

**RUSHIKESH MEHARE**

**Central Bank of India**  
Agriculture Field Officer



INTERVIEW

**SHARDA TRIBHUVAN**

**Central Bank of India**  
Agriculture Field Officer



YOUTUBE  
FOLLOWER

**SHUBHANGEE BHAGAT**

**Bank of Maharashtra**  
IT OFFICER



OFFLINE

**SIDDHANT SONAWANE**

**Bank of Maharashtra**  
IT OFFICER



9th ONLINE

**SWARAJ SALUNKHE**

**Indian Bank**  
Agriculture Field Officer



OFFLINE

**VISHAL PALKAR**

**Bank of Baroda**  
IT Officer



INTERVIEW

**VISHAL SHEGOKAR**

**Punjab National Bank**  
Agriculture Field Officer

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

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# IBPS SO

## LIST 1



8th ONLINE

**ABHISHEK AJBE**

Central Bank of India  
Agriculture Field Officer



6th ONLINE

**ADINATH SHINDE**

Central Bank of India  
Agriculture Field Officer



A3 ONLINE

**AKSHAY KALDATE**

Central Bank of India  
Agriculture Field Officer



OFFLINE

**ANIKET SHRIRAME**

Bank of Maharashtra  
IT Officer



A4 ONLINE

**ANKUSH MORE**

Punjab National Bank  
Marketing Officer



OFFLINE

**ASHISH PAIKRAO**

Punjab National Bank  
Marketing Officer



YOUTUBE  
FOLLOWER

**DIPAK INGLE**

Punjab National Bank  
Marketing Officer



12th ONLINE

**DIPALI KHEDKAR**

(Waiting)  
Agriculture Field Officer



INTERVIEW

**GANESH LOKHANDE**

Central Bank of India  
Agriculture Field Officer



6th ONLINE

**GOVINDA DANGE**

Bank of Baroda  
IT Officer



4th ONLINE

**MANAL JUNARE**

Bank of Baroda  
IT Officer



A2 ONLINE

**MOHINI SHEVALE**

Indian Bank  
Agriculture Field Officer

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**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**