

AMCAT Quantitative Aptitude Test 1 Report !

380 users have taken the test till now.

24/25

Highest Marks

0.0/25

Lowest Marks

8.89/25

Avg. Marks

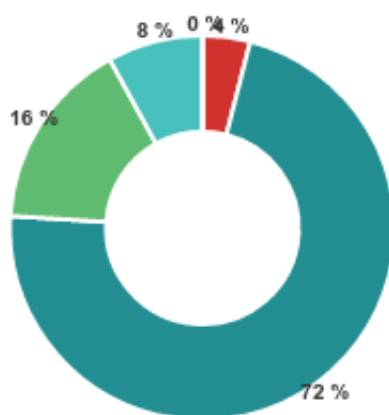
22 m 15.41 s

Avg. Time Spent

53.28%

Avg. Accuracy

Question Difficulty



Very Tough : 1

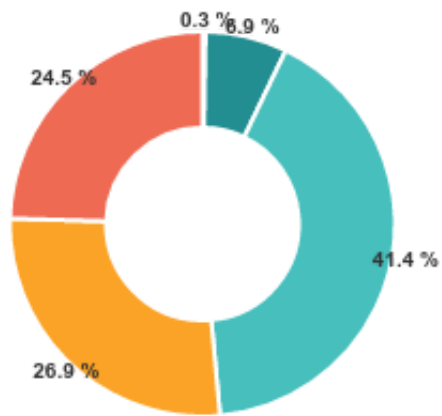
Tough : 18

Average : 4

Easy : 2

The difficulty level of a question is calculated dynamically based on the performance of the students. Ex: The very tough questions are the ones that less than 20% of the students solved correctly.

Student Performance



Excellent : 1
 Good : 26
 Average : 157
 Poor : 102
 Very Poor : 93

Student performance is calculated based on the marks that students obtained.

- > 90 : Excellent
- >70 to <= 90 : Good
- > 40 to <= 70 : Average
- > 20 to <= 40 : Poor
- 0-20 : Very Poor

✓ Score Comparision

Topper's Score	24
Average Score	8.89

🎯 Accuracy Comparision

	Overall	Quantitative Aptitude
Topper's Accuracy		96 %
Average Accuracy		53.28 %

🕒 Time Comparision

Topper's Time	34 m 59 s
Average Time	22 m 15.41 s

🏆 Top Performers



Vaibhav Dubey (/vaibhavdubey2006/)

Rank : 1 Score : 24/25



Sapna Dorbi (/savydorbi/)

Rank : 2 Score : 22/25



shubham gupta (/shubmgupgupta/)

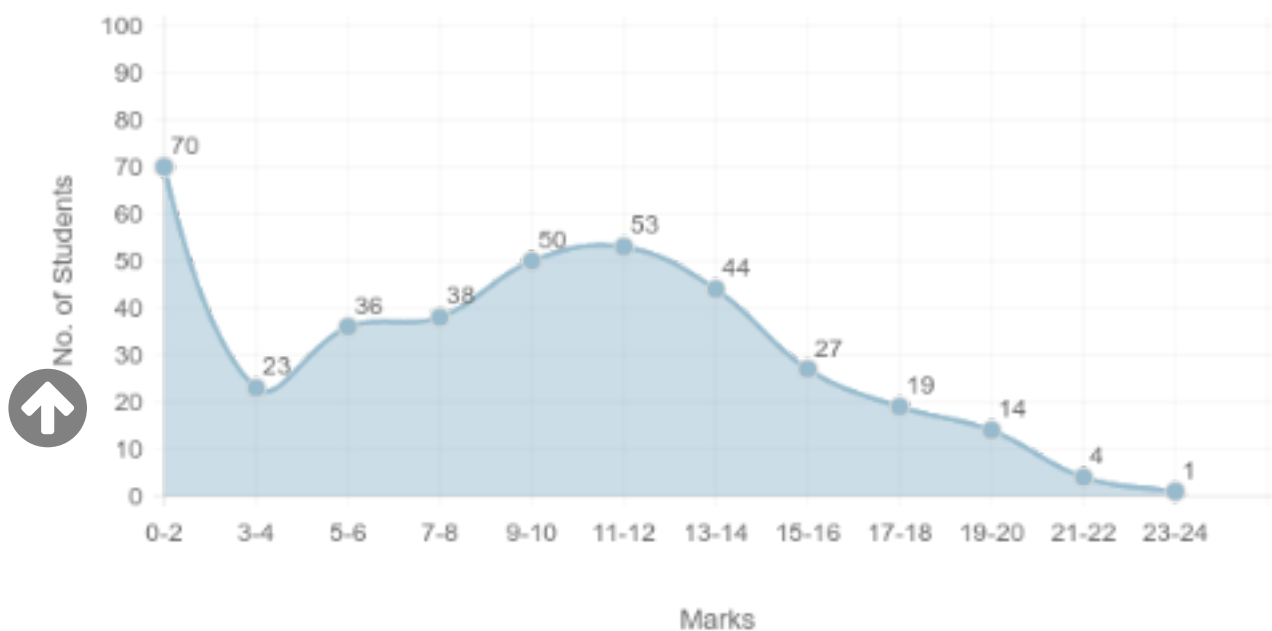
Rank : 3 Score : 22/25



amal srivastava (/amalsrivastava25/)

Rank : 4 Score : 22/25

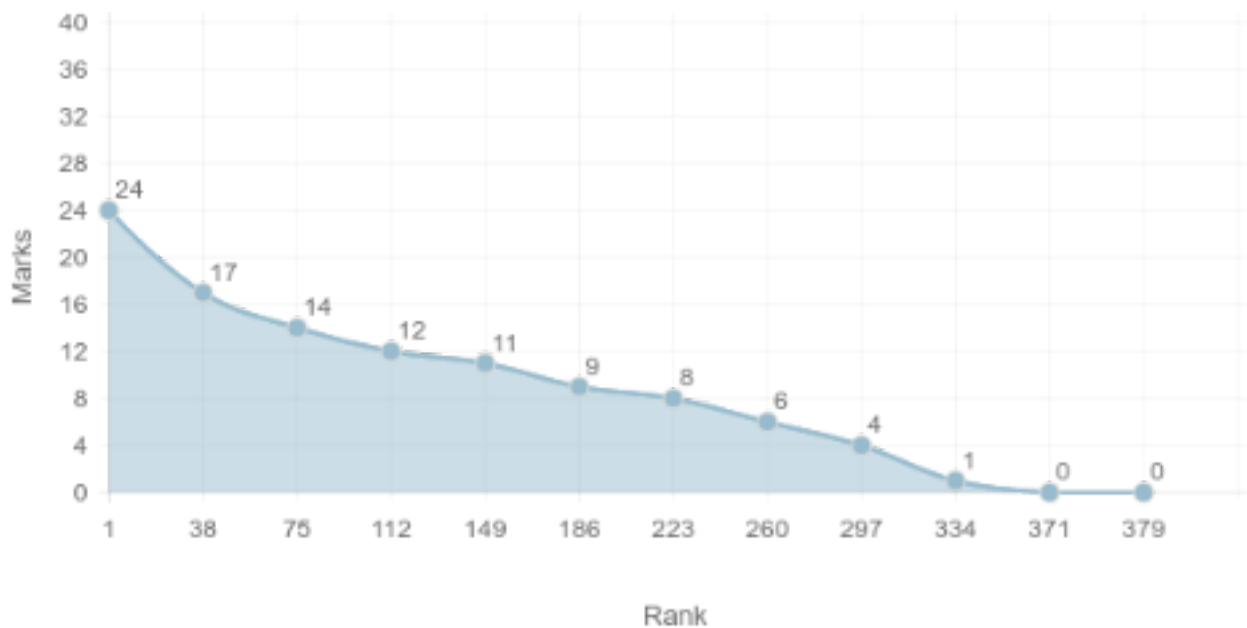
Marks vs No. of Students



This graph shows where the majority of the students stand. The Peak of the graph signifies the marks that most of the test takers obtained. The arrow indicates where you stand.

Note : Your goal is to be as far to the right as possible, that is where all the toppers are.

Rank v/s Marks



This graph shows the marks distribution among the test takers. The leftmost point on the graph shows the topper's marks while the rightmost point belongs to the person who stood last. The arrow indicates where you stand.

Note: Your goal is to be as far to the left as possible.

Student Wise Report

Question Wise Report

All | Tricky Qs | Very Tough Qs | Tough Qs | Average Qs | Easy Qs | Very Easy Qs

Question 1 of 25

Simplify $\{(3 * 2.333 + 2)/3\} / (1/10 \text{ of } 100 + 4.8181)$.

- A. 297/10377
- B. 188/121
- C. 21/34
- ✓ D. 33/163

Explanation :

No explanation provided

Question Analytics

189 **USERS** ()

ATTEMPTED

81 **USERS** ()

✓ SOLVED CORRECTLY

108 **USERS** ()

✗ SOLVED INCORRECTLY

42.86 %

🎯 ACCURACY

1 M 7.72 S

🕒 AVG. SOLVING TIME

1.2 SECS

⌚ FASTEST SOLVING TIME

Question 2 of 25

In how many ways can 6 lottery tickets be distributed among 4 different people, if all of the four different people can get any number of tickets?

- A. 6C_4
- ✔ B. 4^6
- C. 6P_4
- D. 6^4

Explanation :

No explanation provided

Question Analytics

273 USERS ()	59 USERS ()	214 USERS ()	21.61 %
ATTEMPTED	✔ SOLVED CORRECTLY	✘ SOLVED INCORRECTLY	🎯 ACCURACY
29.18 SECS	2.5 SECS		
🕒 AVG. SOLVING TIME	🏆 FASTEST SOLVING TIME		

Question 3 of 25

A television manufacturing company has decided to increase the sale to beat the economic slowdown. It decides to reduce the price of television sets by 25% as a result of which the sales increased by 20%. What is the effect on the total revenue of the company?

- A. Decreased by 20%
- B. Increased by 20%
- C. Increased by 10%
- ✔ D. Decreased by 10%

Explanation :

No explanation provided

Question Analytics

218 USERS ()	107 USERS ()	111 USERS ()	49.08 %
ATTEMPTED	✔ SOLVED CORRECTLY	✘ SOLVED INCORRECTLY	🎯 ACCURACY
40.98 SECS	1.3 SECS		
🕒 AVG. SOLVING TIME	🏆 FASTEST SOLVING TIME		

Question 4 of 25

Simple interest on an amount at 4% per annum for 13 months is more than the simple interest on the same sum for 8 months at 6% per annum by Rs. 40. What is the principal amount?

- A. 3600
- ☒ B. 12000
- C. 4800
- D. 24000

Explanation :

No explanation provided

Question Analytics

207 USERS ()

117 USERS ()

90 USERS ()

56.52 %

ATTEMPTED

☒ SOLVED CORRECTLY

☒ SOLVED INCORRECTLY

☒ ACCURACY

1 M 1.75 S

1.4 SECS

☒ AVG. SOLVING TIME

☒ FASTEST SOLVING TIME

Question 5 of 25

Ravi has a bag full of 10 Nestle and 5 Cadbury chocolates. Out of these, he draws two chocolates. What is the probability that he would get at least one Nestle chocolate?

- ☒ A. 19/21
- B. 3/7
- C. 2/21
- D. 1/3

Explanation :

No explanation provided

Question Analytics

228 USERS ()

105 USERS ()

123 USERS ()

46.05 %

ATTEMPTED

☒ SOLVED CORRECTLY

☒ SOLVED INCORRECTLY

☒ ACCURACY

1 M 10.17 S

1.4 SECS

☒ AVG. SOLVING TIME

☒ FASTEST SOLVING TIME

Question 6 of 25

The value of y in $\log_y 1369y = 3$ is:

- A. 33
- B. 35
- ☒ C. 37
- D. 39

Explanation :

No explanation provided

Question Analytics

202 USERS ()	94 USERS ()	108 USERS ()	46.53 %
ATTEMPTED	<input checked="" type="radio"/> SOLVED CORRECTLY	<input checked="" type="radio"/> SOLVED INCORRECTLY	<input checked="" type="radio"/> ACCURACY
39.27 SECS	1.7 SECS		
<input checked="" type="radio"/> AVG. SOLVING TIME	<input checked="" type="radio"/> FASTEST SOLVING TIME		

Question 7 of 25

The causes of productivity loss are to be written around a circle in the annual report. In how many ways can an analyst write them around the circle, if the number of causes is 5?

- A. 5!
- B. $5C_5$
- C. $5P_5$
- ☒ D. 4!
- E. $4C_4$

Explanation :

No explanation provided

Question Analytics

233 USERS ()	79 USERS ()	154 USERS ()	33.91 %
ATTEMPTED	<input checked="" type="radio"/> SOLVED CORRECTLY	<input checked="" type="radio"/> SOLVED INCORRECTLY	<input checked="" type="radio"/> ACCURACY
25.6 SECS	1.5 SECS		
<input checked="" type="radio"/> AVG. SOLVING TIME	<input checked="" type="radio"/> FASTEST SOLVING TIME		

Question 8 of 25

What is the least perfect square, which is divisible by 24, 30 and 60?

- A. 1600
- ✓ B. 3600
- C. 14400
- D. 32400

Explanation :

No explanation provided

Question Analytics

268 USERS ()

ATTEMPTED

176 USERS ()

✓ SOLVED CORRECTLY

92 USERS ()

✗ SOLVED INCORRECTLY

65.67 %

🎯 ACCURACY

50.04 SECS

🕒 AVG. SOLVING TIME

2.6 SECS

🕒 FASTEST SOLVING TIME

Question 9 of 25

If LCM and HCF of two numbers are 294 and 49 respectively, product of two numbers can be expressed as:

- ✓ A. $2 \times 3 \times 7^4$
- B. $2^2 \times 3^2 \times 7^2$
- C. $2^4 \times 3^2 \times 7$
- D. $2^2 \times 3^4 \times 7$

Explanation :

No explanation provided

Question Analytics

240 USERS ()

ATTEMPTED

125 USERS ()

✓ SOLVED CORRECTLY

115 USERS ()

✗ SOLVED INCORRECTLY

52.08 %

🎯 ACCURACY

56.39 SECS

🕒 AVG. SOLVING TIME

3.3 SECS

🕒 FASTEST SOLVING TIME

Question 10 of 25

Find the greatest number that divides 125, 218, 280 and 342 so as to leave the same remainder in each case.

- A. 37
- B. 35
- C. 33
- ☒ D. 31

Explanation :

No explanation provided

Question Analytics

222 USERS ()	124 USERS ()	98 USERS ()	55.86 %
ATTEMPTED	<input checked="" type="radio"/> SOLVED CORRECTLY	<input checked="" type="radio"/> SOLVED INCORRECTLY	<input checked="" type="radio"/> ACCURACY
1 M 12.05 S	1.2 SECS		
<input checked="" type="radio"/> AVG. SOLVING TIME	<input checked="" type="radio"/> FASTEST SOLVING TIME		

Question 11 of 25

A salesman has the liberty to sell a hair dryer in his store at a price between Rs. 300 and Rs. 700. Profit earned by selling the hair dryer for Rs. 650 is twice the loss incurred when it is sold for Rs. 350. What is the cost price of the hair dryer?

- A. 550
- ☒ B. 450
- C. 350
- D. 150

Explanation :

No explanation provided

Question Analytics

200 USERS ()	100 USERS ()	100 USERS ()	50.0 %
ATTEMPTED	<input checked="" type="radio"/> SOLVED CORRECTLY	<input checked="" type="radio"/> SOLVED INCORRECTLY	<input checked="" type="radio"/> ACCURACY
51.55 SECS	1 SEC		
<input checked="" type="radio"/> AVG. SOLVING TIME	<input checked="" type="radio"/> FASTEST SOLVING TIME		

Question 12 of 25

Which of the following is greatest among the four given values of x?

- A. $x = \sqrt{15}$
- B. $x = 3\sqrt{25}$
- C. $x = 4\sqrt{125}$
- ☒ D. $x = 12\sqrt{625}$

Explanation :

No explanation provided

Question Analytics

275 USERS ()

ATTEMPTED

207 USERS ()

☒ SOLVED CORRECTLY

68 USERS ()

☒ SOLVED INCORRECTLY

75.27 %

☒ ACCURACY

31.5 SECS

☒ AVG. SOLVING TIME

3.4 SECS

☒ FASTEST SOLVING TIME

Question 13 of 25

An aeroplane flies along the sides of an equilateral triangle with speed of 300 km/hr, 200 km/hr, 240 km/hr. The average speed of the plane while flying around the triangle is:

- A. 250 km/hr
- B. 275 km/hr
- C. 200 km/hr
- ☒ D. 240 km/hr

Explanation :

No explanation provided

Question Analytics

231 USERS ()

ATTEMPTED

135 USERS ()

☒ SOLVED CORRECTLY

96 USERS ()

☒ SOLVED INCORRECTLY

58.44 %

☒ ACCURACY

1 M 3.67 S

☒ AVG. SOLVING TIME

2.1 SECS

☒ FASTEST SOLVING TIME

Question 14 of 25

Three successive discounts of 6%, 10%, 15% are equal to a single discount of

- A. 25%
- B. 28.9%
- C. 30%
- D. 31%
- ✓ E. 28.09%

Explanation :

No explanation provided

Question Analytics

249 USERS ()

102 USERS ()

147 USERS ()

40.96 %

ATTEMPTED

✓ SOLVED CORRECTLY

✗ SOLVED INCORRECTLY

🎯 ACCURACY

1 M 7.21 S

1.7 SECS

🕒 AVG. SOLVING TIME

🕒 FASTEST SOLVING TIME

Question 15 of 25

A certain sum of money amounts to Rs. 2,500 in a span of 5 years and further to Rs. 3,000 in a span of 7 years at simple interest. The sum is:

- A. 1000
- B. 1200
- C. 1050
- ✓ D. 1250

Explanation :

No explanation provided

Question Analytics

188 USERS ()

94 USERS ()

94 USERS ()

50.0 %

ATTEMPTED

✓ SOLVED CORRECTLY

✗ SOLVED INCORRECTLY

🎯 ACCURACY

1 M 8.28 S

1.6 SECS

🕒 AVG. SOLVING TIME

🕒 FASTEST SOLVING TIME

Question 16 of 25

What are the values for X & Y in 72X23Y for it to be perfectly divisible by 88?

- A. $X = 1$ & $Y = 5$
- B. $X = 7$ & $Y = 5$
- C. $X = 3$ & $Y = 2$
- ☒ D. $X = 7$ & $Y = 2$

Explanation :

No explanation provided

Question Analytics

246 **USERS** ()

150 **USERS** ()

96 **USERS** ()

60.98 %

ATTEMPTED

☒ SOLVED CORRECTLY

☒ SOLVED INCORRECTLY

☒ ACCURACY

1 M 15.49 S

1.7 SECS

☒ AVG. SOLVING TIME

☒ FASTEST SOLVING TIME

Question 17 of 25

When the price of a pair of shoes is decreased by 10%, the number of pairs sold increased by 20%. What is the net effect on sales?

- A. 8% decrease
- B. 10% decrease
- C. 10% increase
- ☒ D. 8% increase

Explanation :

No explanation provided

Question Analytics

248 **USERS** ()

138 **USERS** ()

110 **USERS** ()

55.65 %

ATTEMPTED

☒ SOLVED CORRECTLY

☒ SOLVED INCORRECTLY

☒ ACCURACY

44.94 SECS

0.9 SECS

☒ AVG. SOLVING TIME

☒ FASTEST SOLVING TIME

Question 18 of 25

Sara has 400 marbles. If she gives $(1/5)$ th of her marbles to Sam and Sam gives $(3/4)$ th of his

marbles to David, then how many marbles does Sam have left?

- A. 80
- ☒ B. 20
- C. 60
- D. 200

Explanation :

No explanation provided

Question Analytics

273 USERS ()	199 USERS ()	74 USERS ()	72.89 %
ATTEMPTED	<input checked="" type="radio"/> SOLVED CORRECTLY	<input checked="" type="radio"/> SOLVED INCORRECTLY	<input checked="" type="radio"/> ACCURACY
38.63 SECS	2 SECS		
<input checked="" type="radio"/> AVG. SOLVING TIME	<input checked="" type="radio"/> FASTEST SOLVING TIME		

Question 19 of 25

Among the following options, which one does not lie in the given range : $\frac{1}{6} < X < \frac{17}{12}$

- A. $\frac{2}{7}$
- B. $\frac{1}{2}$
- C. $\frac{4}{3}$
- D. $\frac{13}{11}$
- ☒ E. $\frac{20}{13}$

Explanation :

No explanation provided

Question Analytics

258 USERS ()	147 USERS ()	111 USERS ()	56.98 %
ATTEMPTED	<input checked="" type="radio"/> SOLVED CORRECTLY	<input checked="" type="radio"/> SOLVED INCORRECTLY	<input checked="" type="radio"/> ACCURACY
56.72 SECS	0.9 SECS		
<input checked="" type="radio"/> AVG. SOLVING TIME	<input checked="" type="radio"/> FASTEST SOLVING TIME		

Question 20 of 25

In a game show there are 5 prize cards and 20 blank cards. A contestant is asked to choose a card at

random. What is the probability that he won a prize?

- A. $3/5$
- B. $2/5$
- ☒ C. $1/5$
- D. $4/5$

Explanation :

No explanation provided

Question Analytics

261 USERS ()	198 USERS ()	63 USERS ()	75.86 %
ATTEMPTED	<input checked="" type="radio"/> SOLVED CORRECTLY	<input checked="" type="radio"/> SOLVED INCORRECTLY	<input checked="" type="radio"/> ACCURACY
32.51 SECS	2.3 SECS		
<input checked="" type="radio"/> AVG. SOLVING TIME	<input checked="" type="radio"/> FASTEST SOLVING TIME		

Question 21 of 25

Which of the following numbers is the smallest number?

- ☒ A. $1/12$
- B. $1/6$
- C. $1/4$
- D. $1/3$

Explanation :

No explanation provided

Question Analytics

282 USERS ()	257 USERS ()	25 USERS ()	91.13 %
ATTEMPTED	<input checked="" type="radio"/> SOLVED CORRECTLY	<input checked="" type="radio"/> SOLVED INCORRECTLY	<input checked="" type="radio"/> ACCURACY
19.35 SECS	1.8 SECS		
<input checked="" type="radio"/> AVG. SOLVING TIME	<input checked="" type="radio"/> FASTEST SOLVING TIME		

Question 22 of 25

Ronald and Elan are working on an assignment. Ronald takes 6 hours to type 32 pages on a computer, while Elan takes 5 hours to type 40 pages. How much time will they take, working

together on two different computers to type an assignment of 110 pages?

- A. 7 hours 30 minutes
- B. 8 hours
- ☒ C. 8 hours 15 minutes
- D. 8 hours 25 minutes

Explanation :

No explanation provided

Question Analytics

218 USERS ()	103 USERS ()	115 USERS ()	47.25 %
ATTEMPTED	<input checked="" type="radio"/> SOLVED CORRECTLY	<input checked="" type="radio"/> SOLVED INCORRECTLY	<input checked="" type="radio"/> ACCURACY
1 M 33.32 S	1.6 SECS		
<input checked="" type="radio"/> AVG. SOLVING TIME	<input checked="" type="radio"/> FASTEST SOLVING TIME		

Question 23 of 25

What is the value of square of $7\frac{1}{2}$, when it is expressed as a mixed fraction?

- A. $49\frac{1}{2}$
- B. $49\frac{1}{4}$
- ☒ C. $56\frac{1}{4}$
- D. $14\frac{1}{4}$

Explanation :

No explanation provided

Question Analytics

257 USERS ()	151 USERS ()	106 USERS ()	58.75 %
ATTEMPTED	<input checked="" type="radio"/> SOLVED CORRECTLY	<input checked="" type="radio"/> SOLVED INCORRECTLY	<input checked="" type="radio"/> ACCURACY
38.75 SECS	1.7 SECS		
<input checked="" type="radio"/> AVG. SOLVING TIME	<input checked="" type="radio"/> FASTEST SOLVING TIME		

Question 24 of 25

Find the value of x if $82x \div 8 - 5 = 87$

- A. 1

- B. 0
- C. -1
- ☒ D. None of the above

Explanation :

No explanation provided

Question Analytics

281 USERS ()	242 USERS ()	39 USERS ()	86.12 %
ATTEMPTED	<input checked="" type="radio"/> SOLVED CORRECTLY	<input checked="" type="radio"/> SOLVED INCORRECTLY	<input checked="" type="radio"/> ACCURACY
1 M 0.07 S	1.7 SECS		
<input checked="" type="radio"/> AVG. SOLVING TIME	<input checked="" type="radio"/> FASTEST SOLVING TIME		

Question 25 of 25

An investment earns 4 paisa per rupee invested. If at the end of the year, the interest earned by an investment is Rs. 100, then the investment is equal to:

- A. 2000
- B. 2200
- C. 1000
- ☒ D. 2500
- E. 4000

Explanation :

No explanation provided

Question Analytics

233 USERS ()	114 USERS ()	119 USERS ()	48.93 %
ATTEMPTED	<input checked="" type="radio"/> SOLVED CORRECTLY	<input checked="" type="radio"/> SOLVED INCORRECTLY	<input checked="" type="radio"/> ACCURACY
40.73 SECS	1.9 SECS		
<input checked="" type="radio"/> AVG. SOLVING TIME	<input checked="" type="radio"/> FASTEST SOLVING TIME		

