AMCAT QUANTITATIVE APTITUDE TEST 3 Report !

247 users have taken the test till now.

21/25	
Highest Marks	
0.0/25	
Lowest Marks	
8.51/25	
Avg. Marks	
22 m 7.4 s	
Avg. Time Spent	
46.76%	
Avg. Accuracy	

Question Difficulty
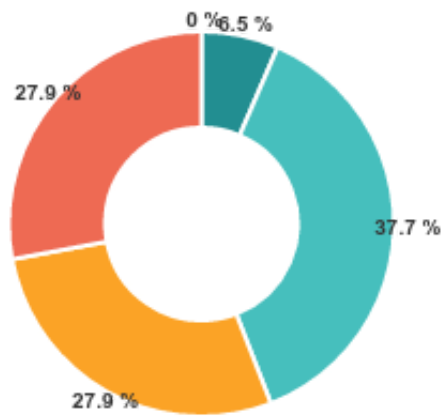

4 % 0 % 16 %

36 %

44 %
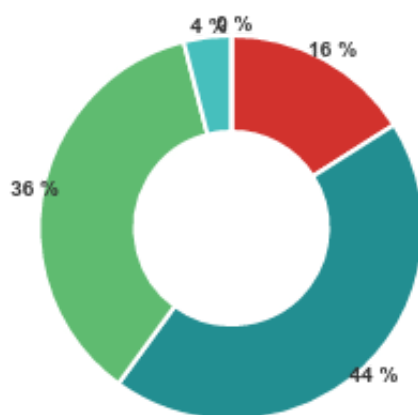
Very Tough : 4

Tough : 11

Average : 9

Easy : 1

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

Good : 16

Average : 93

Poor : 69

Very Poor : 69

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

	Overall	Quantitative Aptitude	
Topper's Score			21
Average Score			8.51

◎ Accuracy Comparision

Topper's Accuracy	84 %
Average Accuracy	46.76 %

🕐 Time Comparision

Topper's Time	34 m 59 s
Average Time	22 m 7.4 s

🏆 Top Performers

ranjith (/ranjithkalal7/)

Rank : 1   Score : 21/25

DEEPAK PANDEY (/dpkdeepakpandey/)

Rank : 2   Score : 20/25

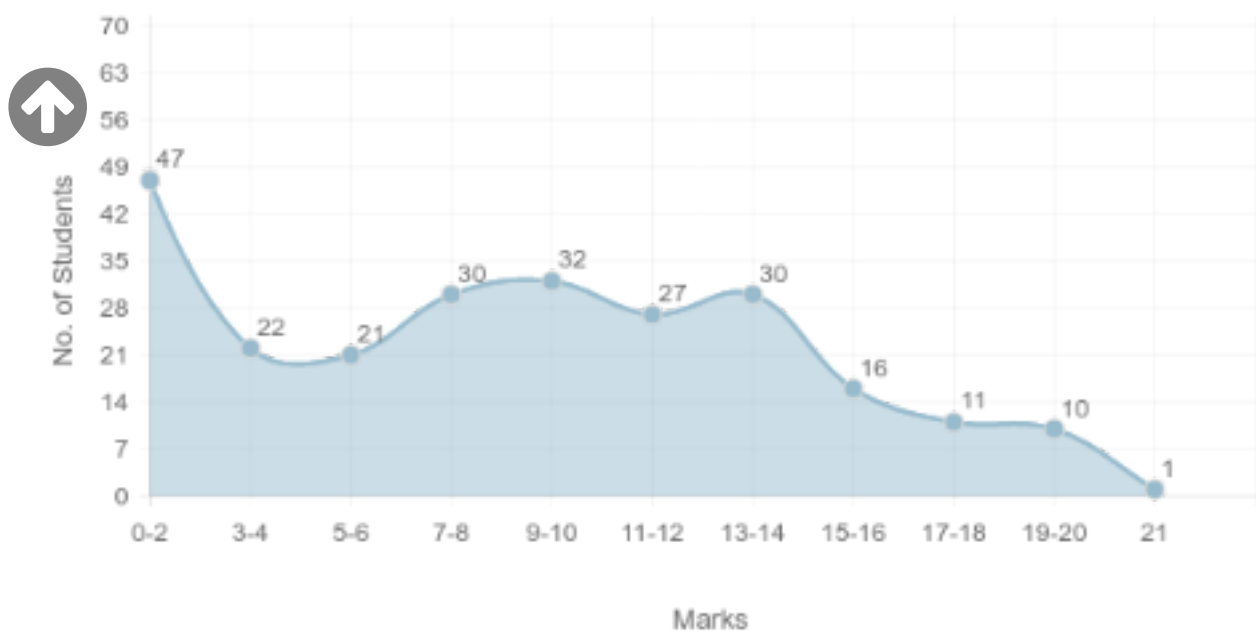**amal srivastava** (/amalsrivastava25/)

Rank : 3   Score : 20/25

SIVA (/sivakakarla777/)
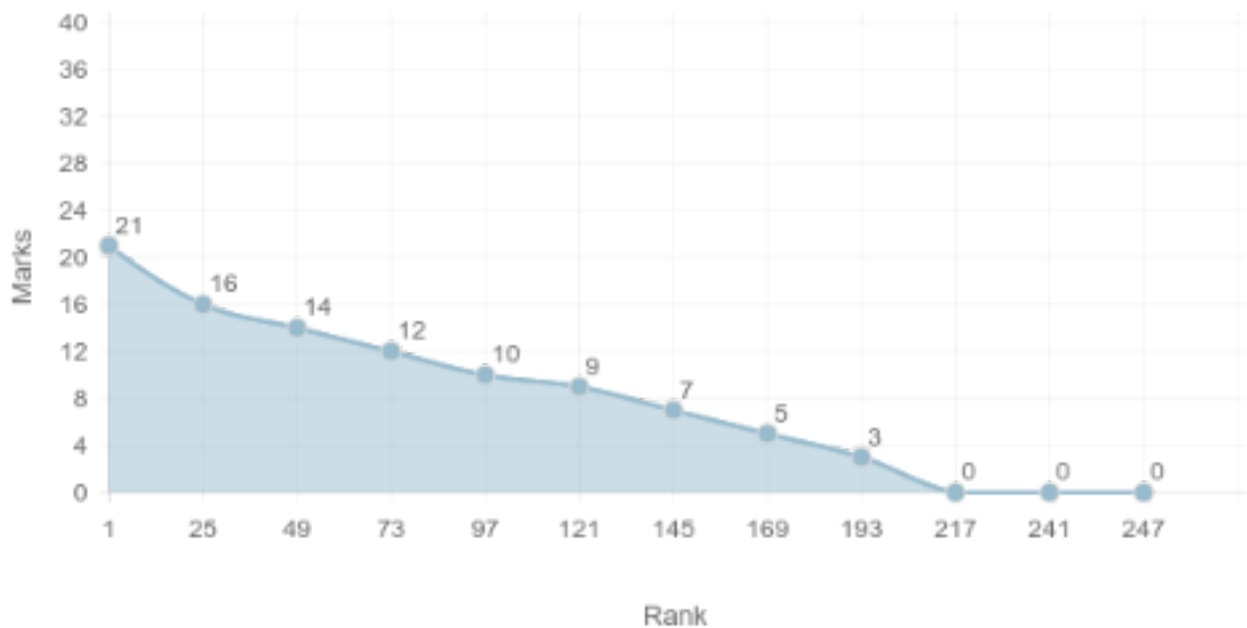
Rank : 4   Score : 20/25

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.

<table>
<tr><td>**Student Wise Report**</td><td>**Question Wise Report**</td></tr>
</table>

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

Question 1 of 25

In how many ways can 7 members of the content team, 5 members of the R&D team, 3 members of HR and 2 members of the sales team be allotted workstations in a row so that all employees of the same team sit together?

    A. 12! * 5!

    B. 7*5*3*2

    C. 7!*5!*3!*2!

  ✓ **D.** 7!*5!*4!*3!*2!

    E. 17!

Explanation :

No explanation provided

Question Analytics

165 USERS ()	57 USERS ()	108 USERS ()	34.55 %
ATTEMPTED	✓ SOLVED CORRECTLY	✗ SOLVED INCORRECTLY	◉ ACCURACY

37.62 SECS	1.6 SECS
⏱ AVG. SOLVING TIME	⏳ FASTEST SOLVING TIME

A group of 6 is to be made out of 8 girls and 6 boys. What is the probability that exactly 3 boys are selected?

- ✓ **A.** (8C3 * 6C3)/ 14C6
- **B.** 8C3 / 14C6
- **C.** 3/4
- **D.** 1/2

Explanation :

No explanation provided

Question Analytics

174 USERS ()	125 USERS ()	49 USERS ()	71.84 %
ATTEMPTED	✓ SOLVED CORRECTLY	✗ SOLVED INCORRECTLY	⊙ ACCURACY

55.93 SECS	2.1 SECS
⊙ AVG. SOLVING TIME	⧖ FASTEST SOLVING TIME

How many three digits numbers can be formed using 2, 3, 4 and 5 with the digits being repeated?

- **A.** 216
- **B.** 256
- **C.** 400
- **D.** 120
- ✓ **E.** 64

Explanation :

No explanation provided

Question Analytics

172 USERS ()	83 USERS ()	89 USERS ()	48.26 %
ATTEMPTED	✓ SOLVED CORRECTLY	✗ SOLVED INCORRECTLY	⊙ ACCURACY

37.67 SECS	2.4 SECS
⊙ AVG. SOLVING TIME	⧖ FASTEST SOLVING TIME

What is the value of square of 4 1/2, when it is expressed as a mixed fraction?

  A. 9/4

  B. 8 1/4

  ✔ C. 19 5/4

  D. 21 5/4

Explanation :

No explanation provided

Question Analytics

163 USERS ()	58 USERS ()	105 USERS ()	35.58 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	⊙ ACCURACY

43.4 SECS	3.1 SECS
⊙ AVG. SOLVING TIME	⧗ FASTEST SOLVING TIME

If a = 0.24 and b = 1.76, then compute the following expression.
a^4 + 4ab^3 + 6(a^2)(b^2) + 4ab^3 + b^4

  A. 1.52

  B. 4

  C. 1

  D. 2

  ✔ E. 16

Explanation :

No explanation provided

Question Analytics

141 USERS ()	74 USERS ()	67 USERS ()	52.48 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	⊙ ACCURACY

47.4 SECS	1.9 SECS
⊙ AVG. SOLVING TIME	⧗ FASTEST SOLVING TIME

The correct value of $\log_5 25 - \log_7 49$ is

- ✔ **A.** 0
- **B.** 1
- **C.** -1
- **D.** 2

Explanation :

No explanation provided

Question Analytics

173 USERS ()	120 USERS ()	53 USERS ()	69.36 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	⊙ ACCURACY

21.83 SECS	3.7 SECS
⊙ AVG. SOLVING TIME	⌛ FASTEST SOLVING TIME

In how many ways Arthi, Pooja, Mona and Payal can stand in a queue.

- **A.** 120
- **B.** 5
- ✔ **C.** 24
- **D.** 150

Explanation :

No explanation provided

Question Analytics

191 USERS ()	157 USERS ()	34 USERS ()	82.2 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	⊙ ACCURACY

21.94 SECS	1.3 SECS
⊙ AVG. SOLVING TIME	⌛ FASTEST SOLVING TIME

Find the remainder when 2^21 is divided by 6.

    A. 0

    B. 1

☑ **C.** 2

    D. 3

Explanation :

No explanation provided

Question Analytics

169 USERS ()	77 USERS ()	92 USERS ()	45.56 %
ATTEMPTED	⊘ SOLVED CORRECTLY	⊗ SOLVED INCORRECTLY	⊙ ACCURACY

47.22 SECS	2.2 SECS
⊙ AVG. SOLVING TIME	⧗ FASTEST SOLVING TIME

Evaluate: (4.56 ^3 + 5.44^3) / (4.56^2 - 4.56 * 5.44 + 5.44^2)

    A. 0.88

    B. -0.88

    C. 1

☑ **D.** 10

Explanation :

No explanation provided

Question Analytics

162 USERS ()	84 USERS ()	78 USERS ()	51.85 %
ATTEMPTED	⊘ SOLVED CORRECTLY	⊗ SOLVED INCORRECTLY	⊙ ACCURACY

40.83 SECS	2.5 SECS
⊙ AVG. SOLVING TIME	⧗ FASTEST SOLVING TIME

One third of a two digit number exceeds its one fourth by 7. What is the sum of the digits of the number?

A. 72

B. 84

C. 15

✅ **D.** 12

Explanation :

No explanation provided

Question Analytics

161 USERS ()	63 USERS ()	98 USERS ()	39.13 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	⊙ ACCURACY

55.82 SECS	1.5 SECS
⏰ AVG. SOLVING TIME	⏳ FASTEST SOLVING TIME

What is the least number that should be subtracted from 3592 to obtain a number exactly divisible by 19?

A. 0

✅ **B.** 1

C. 2

D. 3

Explanation :

No explanation provided

Question Analytics

187 USERS ()	129 USERS ()	58 USERS ()	68.98 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	⊙ ACCURACY

57.88 SECS	1.7 SECS
⏰ AVG. SOLVING TIME	⏳ FASTEST SOLVING TIME

Find the smallest number which when divided by 24, 30, 48 and 60, leaves a remainder 2 in each case.

    A. 238

  ✔ **B.** 242

    C. 8

    D. 4

Explanation :

No explanation provided

Question Analytics

178 USERS ()	121 USERS ()	57 USERS ()	67.98 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	◉ ACCURACY

54.04 SECS	2.6 SECS
⊘ AVG. SOLVING TIME	⧖ FASTEST SOLVING TIME

What is the smallest number that should be divided by 10500 to make it a perfect cube?

    A. 4

  ✔ **B.** 84

    C. 12

    D. 21

Explanation :

No explanation provided

Question Analytics

156 USERS ()	68 USERS ()	88 USERS ()	43.59 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	◉ ACCURACY

59.35 SECS	2.8 SECS
⊘ AVG. SOLVING TIME	⧖ FASTEST SOLVING TIME

20 men can do a job in 10 days, working 8 hours a day. If women are 33.33% more efficient than

men, how many women will it take to finish the same job in 10 days working 6 hours a day?

- **A.** 10
- **B.** 12
- **C.** 15
- **D.** 16
- ✔ **E.** 20

Explanation :

No explanation provided

Question Analytics

130 USERS ()	32 USERS ()	98 USERS ()	24.62 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	⊙ ACCURACY

1 M 17.95 S	2 SECS
⊙ AVG. SOLVING TIME	⌛ FASTEST SOLVING TIME

Question 15 of 25

Which is better: a successive discount of 40% and 30% or a discount of flat 70%?

- **A.** Both are equivalent
- **B.** 40% and 30%
- ✔ **C.** 70%
- **D.** None of the above

Explanation :

No explanation provided

Question Analytics

185 USERS ()	101 USERS ()	84 USERS ()	54.59 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	⊙ ACCURACY

30.98 SECS	2.7 SECS
⊙ AVG. SOLVING TIME	⌛ FASTEST SOLVING TIME

Question 16 of 25

Find the probability of getting a multiple of 3 in a throw of a dice.

A. 1/2

✓ **B.** 1/3

C. 2/3

D. 1/4

Explanation :

No explanation provided

Question Analytics

179 USERS ()	127 USERS ()	52 USERS ()	70.95 %
ATTEMPTED	✓ SOLVED CORRECTLY	✗ SOLVED INCORRECTLY	⊙ ACCURACY

23.21 SECS	3.4 SECS
⊙ AVG. SOLVING TIME	⧗ FASTEST SOLVING TIME

Question 17 of 25

A company makes a mixture which contains 2% alcohol. If 10 litres of alcohol is added to the mixture, then the concentration increases to 5%. What is the approx. quantity of the mixture?

✓ **A.** 316

B. 315

C. 310

D. 300

Explanation :

No explanation provided

Question Analytics

136 USERS ()	34 USERS ()	102 USERS ()	25.0 %
ATTEMPTED	✓ SOLVED CORRECTLY	✗ SOLVED INCORRECTLY	⊙ ACCURACY

1 M 0.63 S	2.5 SECS
⊙ AVG. SOLVING TIME	⧗ FASTEST SOLVING TIME

Question 18 of 25

Parul is one-fifth the age, her mother was 15 years ago and Parul's brother is three-fifths the, age her mother was 10 years ago. If the sum of Parul's and her brother's ages is 31, then how old is

Parul's mother?

- ✅ **A.** 50
- **B.** 45
- **C.** 35
- **D.** 60

Explanation :

No explanation provided

Question Analytics

139 USERS ()	59 USERS ()	80 USERS ()	42.45 %
ATTEMPTED	✅ SOLVED CORRECTLY	❌ SOLVED INCORRECTLY	◉ ACCURACY

1 M 24.7 S	2.6 SECS
🕐 AVG. SOLVING TIME	⏳ FASTEST SOLVING TIME

Question 19 of 25

16 men complete one-fourth of a work in 12 days. What is the additional number of men required to complete the work in 12 more days?

- **A.** 48
- **B.** 36
- **C.** 30
- **D.** 16
- ✅ **E.** 32

Explanation :

No explanation provided

Question Analytics

169 USERS ()	54 USERS ()	115 USERS ()	31.95 %
ATTEMPTED	✅ SOLVED CORRECTLY	❌ SOLVED INCORRECTLY	◉ ACCURACY

1 M 20.13 S	1.8 SECS
🕐 AVG. SOLVING TIME	⏳ FASTEST SOLVING TIME

Question 20 of 25

81 ^(3/14) as a proper fraction

    A. 243/14

    B. 1131/14

✓ **C.** 1137/14

    D. 1134/14

Explanation :

No explanation provided

Question Analytics

127 USERS ()	29 USERS ()	98 USERS ()	22.83 %
ATTEMPTED	✓ SOLVED CORRECTLY	✕ SOLVED INCORRECTLY	⊙ ACCURACY

46.25 SECS	3.2 SECS
⊙ AVG. SOLVING TIME	⧗ FASTEST SOLVING TIME

Question 21 of 25

Divide the sum of 3/5 and 8/11 by their difference.

    A. 7/73

✓ **B.** 73/7

    C. 11/15

    D. None of the above

Explanation :

No explanation provided

Question Analytics

180 USERS ()	105 USERS ()	75 USERS ()	58.33 %
ATTEMPTED	✓ SOLVED CORRECTLY	✕ SOLVED INCORRECTLY	⊙ ACCURACY

52.51 SECS	1.9 SECS
⊙ AVG. SOLVING TIME	⧗ FASTEST SOLVING TIME

Question 22 of 25

HR calls 15 software and 10 marketing professionals for an interview. Three persons are selected from them. The probability that 2 software and 1 marketing personnel are selected from them is:

A. 3/25

B. 1/50

C. 25/117

✓ **D.** 21/46

Explanation :

No explanation provided

Question Analytics

168 USERS ()	98 USERS ()	70 USERS ()	58.33 %
ATTEMPTED	✓ SOLVED CORRECTLY	✗ SOLVED INCORRECTLY	⊙ ACCURACY

1 M 18.16 S	2.3 SECS
⏱ AVG. SOLVING TIME	⧗ FASTEST SOLVING TIME

Question 23 of 25

What value of M is the number 7M42876M divisible by 11?

A. 0

✓ **B.** 8

C. 4

D. 9

Explanation :

No explanation provided

Question Analytics

176 USERS ()	111 USERS ()	65 USERS ()	63.07 %
ATTEMPTED	✓ SOLVED CORRECTLY	✗ SOLVED INCORRECTLY	⊙ ACCURACY

58.9 SECS	3.3 SECS
⏱ AVG. SOLVING TIME	⧗ FASTEST SOLVING TIME

Question 24 of 25

Two cards are drawn from a deck of 52 cards without replacement. What is the probability of getting both cards black or getting one card queen and the other king?

A. 337/1326

B. 25/102

C. 15/26

D. 7/13

✔ **E.** None of the above

Explanation :

No explanation provided

Question Analytics

137 USERS ()	39 USERS ()	98 USERS ()	28.47 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	⊙ ACCURACY

1 M 4.22 S	2.2 SECS
⊙ AVG. SOLVING TIME	⧗ FASTEST SOLVING TIME

Question 25 of 25

Two dice are thrown simultaneously. Find the probability that the sum of the numbers on the dice is greater than 7.

A. 1/3

B. 1/4

✔ **C.** 5/12

D. 5/18

Explanation :

No explanation provided

Question Analytics

175 USERS ()	100 USERS ()	75 USERS ()	57.14 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	⊙ ACCURACY

1 M 12.3 S	1.6 SECS
⊙ AVG. SOLVING TIME	⧗ FASTEST SOLVING TIME