



September Sprint for CAT 2025

Class 26

Quantitative Reasoning



Follow us on



MBA Karo



mbakaro



MBA Karo!



September Sprint Schedule

Date	Topic	Date	Topic	Date	Topic
01-Sep	Number System - 1	11-Sep	Games and Tournament	21-Sep	Algebra - 3
02-Sep	Arrangement	12-Sep	Odd One Out	22-Sep	Logical DI
03-Sep	Number System - 2	13-Sep	Chart Based DI - 3	23-Sep	Geometry - 1
04-Sep	Para Completion	14-Sep	Arithmetic - 4	24-Sep	Reading Comprehension - 3
05-Sep	Arithmetic - 1	15-Sep	Venn Diagram	25-Sep	Geometry - 2
06-Sep	Chart Based DI - 1	16-Sep	Reading Comprehension - 2	26-Sep	Quantitative Reasoning
07-Sep	Arithmetic - 2	17-Sep	Algebra - 1	27-Sep	Geometry - 3
08-Sep	Reading Comprehension - 1	18-Sep	Routes and Network	28-Sep	Parajumbles
09-Sep	Chart Based DI - 2	19-Sep	Algebra - 2	29-Sep	Misc. LR topics
10-Sep	Arithmetic - 3	20-Sep	Para Summary	30-Sep	Modern Maths

Preparing for MBA exams for 2025-26?



- Recorded concept videos
- Solved questions – basic to advanced
- Topic wise Practice sheets
- Doubt Resolution Group
- Doubt session live classes
- In VA, grammar and vocab also covered
- In LR, OMET topics covered

Price: 15000/-

Section-wise modules are also available



Mail your scorecards

 support@mbakaro.in

Up to
40% OFF

Special Performance-based
Discounts on CAT
Courses & Test Series

Enrol in our courses and mock tests: www.mbakaro.in

 support@mbakaro.in

 BA Karo

mbaka 

50 Day Streak for CAT 2025

Starting October 1, 2025

Daily 30 questions
10 VARC | 10 DILR | 10 QA

Answers on the next day

Challenge your friends

Elevate your score!



Follow @mbakaro for daily questions



Discuss solutions @MBAKaro



Pause the video, solve the set, and then look at the solution!



The following table represents the multiplication of two three-digit numbers. In the representation, each of the digits 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, except one, has been coded with one letter with distinct letters representing distinct digits.

$$\begin{array}{r}
 BOB \\
 \times BOB \\
 \hline
 MEOY \\
 MILO \\
 MEOY \\
 \hline
 MARLEY
 \end{array}$$

- What number is represented by BOB?
 - What is the value of M+A+R+L+E+Y?
 - What digit does I represent?
 - Which digit is not present in the above multiplication?
 - Which of the following represents BOB+BOB?
- A. IEL
B. YEL
C. LEO
D. OEL



Like



Comment



Share

SUBSCRIBE 



In a country called Primistan, the currency is called Abhajya (@) and is available in exactly five denominations — @ 2, @ 3, @ 5, @ 7, and @ 11. Each of the five persons, Pranav, Reena, Ian, Mushtaq and Emily had notes of exactly one denomination with them and no two persons among the five had notes of the same denomination. On a particular day, the five persons visited a bookstore and each of them purchased a different book. The amounts that Pranav, Reena, Ian, Mushtaq, and Emily paid the shopkeeper were @ 42, @ 105, @ 165, @ 70 and @ 75, respectively. Further, the number of notes that each person gave the shopkeeper was distinct. However, the amount that each person paid the shopkeeper was more than the price of the book that they purchased. Therefore, the shopkeeper returned the excess amounts to each in the form of three notes each, of three different denominations, which were different from that in which the person had paid the shopkeeper.

What was the total number of notes paid to the shopkeeper?

Who paid the highest number of notes to the shopkeeper?

A. Reena B. Ian C. Mushtaq D. Emily

Which of the following cannot be the price of the book purchased by Ian?

A. 149 B. 150 C. 151 D. 153

What could be the price of the costliest book purchased by Emily?

Which of the following is not true regarding the price of the book purchased by Pranav?

- A. The price of the book he purchased is a multiple of 3
- B. The price of the book he purchased is a multiple of 5
- C. The price of the book he purchased is a multiple of 8
- D. The price of the book he purchased is a prime number



CAT 2025 Mock Tests

15 Full- Length Mocks
10 VARC Sectionals (Text Solutions)
10 DILR Sectionals (Video Solutions)
10 QA Sectionals (Video Solutions)



⌚ Expires On Nov 30, 2025

₹ 1,500



CAT and OMETs Mock Test Bundle

All Mocks Based on the Latest Exam Pattern

⌚ Expires On Apr 30, 2026

₹ 6,000

CAT 2025: 15 mocks + 10 sectionals each
NMAT 2025: 15 Mocks
SNAP 2025: 20 Mocks
XAT 2026: 5 Mocks
CMAT 2026: 10 Mocks
MAHCET 2026: 10 Mocks
CUET PG 2026: 10 Mocks
MICAT 2025: 5 Mocks
XGMT 2026: 5 Mocks
SRCC GBO 2026: 5 Mocks

NMAT – 15
SNAP – 20
XAT – 10
CMAT – 10
MAHCET – 20
CUET PG – 10
MICAT – 5
XGMT – 5
SRCC GBO - 5

CAT and OMETs Mocks by MBA Karo



18 students appeared in a mock test and got distinct marks. They were placed into 6 groups – G1 through G6, 3 in each group, based on their marks. They had to be counseled by three mentors Atharv, Garv, and Parv, such that each mentor would counsel exactly one student from each of the groups. The table below gives the lowest and the highest scores of the students in each of the groups:

Group	G1	G2	G3	G4	G5	G6
Least score	17	30	52	99	118	146
Highest score	28	49	89	114	145	172

Atharv wanted to counsel the students who scored the least from each of the groups but Aarav was late in arriving and hence he counseled Gaurav instead. The average score of the students he counseled increased by 5 due to this change.

The scores of students that Parv counseled from G1, G2, G3 are in the ratio 2:3:4 and the scores of students that Garv counseled from G4, G5, G6 are in the ratio 6:7:8

What is the score of Gaurav?

Which of these is not the score obtained by any of the students?

- A. 26 B. 82 C. 126 D. 152

What is the sum of the scores of the students counseled by Garv?

The average score of the students of G3 is how much more than the average score of the students of G2?

- A. 35 B. 33.33 C. 30 D. 28.67

What could be the least sum of the scores of the students counseled by Parv?



Like



Comment



Share

SUBSCRIBE 



3 houses of a school viz. Ashok, Vivek, and Gandhi competed in a quiz. The three houses participated in a series of rounds. Points awarded for 1st, 2nd, and 3rd place in each round were a , b , and c respectively, with $a > b > c > 0$, and all point values being integers.

In that quiz,

- Ashok House finished first with 32 points overall.
- Gandhi House won the rapid-fire round and finished with 11 points overall.
- Vivek House finished with 17 points overall.

What is the value of a ?

In how many rounds did Ashok House finish first?

- A. 5
- B. 4
- C. 3
- D. Cannot be determined

If one of the rounds was a buzzer round, who finished third in that round?

- A. Gandhi
- B. Ashok
- C. Vivek
- D. Data insufficient

Which of the following statements is correct?

- A. Gandhi house came second in one of the rounds
- B. Vivek house came third in three rounds
- C. Exactly two rounds had the same score for all teams
- D. Ashok house did not come third in any of the rounds

Six schools A, B, C, D, E, and F have a total of 2100 students. The following facts are known:

- Each school has a distinct number of students which is more than 100.
- For any group of schools, the average number of students in them is an integer. For example, if we take schools A, C, D, and F, the average number of students in these four schools should be an integer.
- Schools A and E have students in a ratio 5:7
- The number of students in school C is equal to the sum of the number of students in schools B and D
- School F does not have the highest number of students

**Answer in
Comments**

Which school has the least number of students?

- A. A B. B C. F D. Cannot be determined

How many students are there in school F?

- A. 120 B. 180 C. 240 D. Cannot be determined

What is the maximum number of students in a school?

- A. 500 B. 550 C. 600 D. Cannot be determined

What is the average number of students in schools A, C, E, and F?

- A. 375 B. 390 C. 420 D. Cannot be determined

Preparing for MBA exams for 2025-26?



- Recorded concept videos
- Solved questions – basic to advanced
- Topic wise Practice sheets
- Doubt Resolution Group
- Doubt session live classes
- In VA, grammar and vocab also covered
- In LR, OMET topics covered

Price: 15000/-

Section-wise modules are also available



Mail your scorecards

 support@mbakaro.in

Up to
40% OFF

Special Performance-based
Discounts on CAT
Courses & Test Series

Enrol in our courses and mock tests: www.mbakaro.in

 support@mbakaro.in

 BA Karo

mbaka 

Get these PDFs on

Our Telegram Group

<https://t.me/MBAKaro>



Thank
You

