



Sumit Sir



CAT HANDBOOK





Sumit Sir

Get to know CAT

Hey! Everyone....Welcome to CATKing Family.

I am here to guide you about CAT. So, what exactly is CAT?

The CAT exam, short for Common Admission Test, is a highly competitive entrance exam in India. It is primarily used for admission to postgraduate management programs offered by Indian Institutes of Management (IIMs) and several other prestigious business schools across the country.



CAT 2025 exam is on 30th November 2025

Now, Lets see the Exam Pattern of the CAT

| Subjects | Questions | Time Taken | Negative Marking |
|---|--------------------------|-----------------|---|
| Verbal Ability & Reading Comprehension | 24 (22 MCQs, 2 TITA) | 40 mins | +3 ✓ -1 ✗ No -ve marking for TITA questions |
| Data Interpretation & Logical Reasoning | 22 (12 MCQs, 10 TITA) | 40 mins | |
| Quantitative Ability | 22 (14 MCQs, 8 TITA) | 40 mins | |
| Total | 68 | 120 mins | |

So, what is the eligibility criteria for CAT?

Candidates must have completed graduation or can be in the final year of the graduation.

| Category | Passing Marks in graduation |
|--------------------|-----------------------------|
| General/EWS/NC-OBC | 50% |
| SC/ST/PwD | 45% |



**Paras, CAT
97.92%ile**

"I took CAT exam in 2022 without any coaching and got only 82%ile, but this year I got 97.92%ile with the help of CATKING. They have an amazing dashboard which includes everything that you need for preparation and the constant push you get from faculty while analyzing mocks is a great part. They have great faculty like Sudhanshu sir, Moinack sir who are there for workshops in the final month to guide you and prepare you for the exam."



Sumit Sir

Registration Dates and the important dates as per last 2 years are given below...

| CAT | This Year (2025) | Last year (2024) | 2 Year Ago (2023) |
|-------------------------|------------------|------------------|-------------------|
| Registration Dates | 1 Aug - 13 Sept | 1 Aug - 13 Sept | 2 Aug - 21 Sept |
| Admit card Availability | 05 Nov - 29 Nov | 05 Nov - 24 Nov | 7 Nov - 26 Nov |
| Exam date | 30 Nov | 24 Nov | 26 Nov |

Registration Fees

| General | SC, ST, PwD |
|---------|-------------|
| ₹ 2600 | ₹ 1300 |

Result Declaration

1st Week Jan 2026 (Tentatively)

CAT Syllabus

| Section | Syllabus | Exam Weightage |
|--|--|----------------|
| Quantitative Ability (QA) | <ul style="list-style-type: none"> Arithmetic Modern Maths Number System Algebra Mensuration Trigonometry Geometry | • 34-36% |
| Data Interpretation & Logical Reasoning (DILR) | <ul style="list-style-type: none"> Data Charts Data Tables Bar Graphs Venn Diagrams Seating Arrangement Team Formation Clocks & Calendars | • 30-32% |
| Verbal Ability & Reading Comprehension (VARC) | <ul style="list-style-type: none"> Long, Short Passage Jumbled Paragraphs ParaSummary Odd Sentence Paracompletion | • 32-34% |



Prashant Verma, CAT
98.2%ile

With the help of Catking I was able to secure 98.2 percentile in CAT 2023. The guidance from Sumit sir and Sudhanshu sir was great and Real Cat Mocks were great and helped a lot during my CAT preparation




Sumit sir

| CAT ANALYSIS (2015-2024) | | | | | | | | | |
|--------------------------|----------------------|----------------------|----------------------|-----------------|----------------------|----------------------|----------------------|-----------------|----------------------|
| | 2024 | 2023 | 2022 | 2021 | 2020 | 2019 | 2018 | 2017 | 2016 |
| VARC | Difficult | Moderate | Moderate | Moderate | Easy - Moderate | Moderate - Difficult | Easy | Easy - Moderate | Easy |
| DILR | Moderate - Difficult | Moderate - Difficult | Difficult | Moderate | Moderate - Difficult | Easy - Moderate | Moderate | Difficult | Moderate - Difficult |
| QA | Easy - Moderate | Very Difficult | Moderate - Difficult | Easy - Moderate | Moderate - Difficult | Easy - Moderate | Difficult | Easy - Moderate | Moderate - Difficult |
| OVERALL | Difficult | Difficult | Moderate - Difficult | Moderate | Moderate - Difficult | Moderate - Difficult | Moderate - Difficult | Easy - Moderate | Moderate - Difficult |

| % of MARKS (2015-2024) | | | | | | | | | |
|------------------------|------|------|------|------|------|------|------|------|------|
| Percentile | 2024 | 2023 | 2022 | 2021 | 2020 | 2019 | 2018 | 2017 | 2016 |
| 99%ile | 46% | 39% | 42% | 49% | 45% | 53% | 51% | 58% | 52% |
| 95%ile | 34% | 28% | 30% | 36% | 33% | 40% | 40% | 46% | 41% |
| 90%ile | 28% | 23% | 24% | 30% | 28% | 33% | 34% | 39% | 35% |
| 85%ile | 24% | 22% | 21% | 26% | 25% | 28% | 30% | 34% | 31% |
| 80%ile | 21% | 21% | 18% | 23% | 21% | 25% | 26% | 31% | 27% |

| RAW SCORES (2015-2024) | | | | | | | | | |
|------------------------|------|------|------|------|------|------|------|------|------|
| Percentile | 2024 | 2023 | 2022 | 2021 | 2020 | 2019 | 2018 | 2017 | 2016 |
| 99%ile | 95 | 76 | 84 | 97 | 102 | 158 | 154 | 174 | 155 |
| 95%ile | 70 | 55 | 60 | 72 | 76 | 120 | 121 | 138 | 123 |
| 90%ile | 58 | 45 | 48 | 59 | 64 | 98 | 103 | 118 | 104 |
| 85%ile | 50 | 43 | 41 | 51 | 57 | 85 | 89 | 103 | 92 |
| 80%ile | 44 | 42 | 36 | 45 | 48 | 75 | 79 | 93 | 80 |
| Total Marks | 204 | 198 | 198 | 198 | 228 | 300 | 300 | 300 | 300 |


Gaurav Sharma,
CAT 98.69%ile

I am a working professional and didn't get much time for my preparations. I joined CATKing's Mock in last 2 months which helped me to gain confidence and achieve 98.69%ile in my CAT. I used to get motivated by Sumit Sir's videos and the dashboard content helped me to strategize my approach for the examination and also helping me further in the WATPI.



Sumit sir

CAT 2021 – 2024 score vs percentile analysis

| %ile | 2024 | | | | 2023 | | | | 2022 | | | |
|-------------|-------|-------|------|------|-------|-------|-------|------|-------|------|------|----|
| | Total | VARC | DILR | QA | Total | VARC | DILR | QA | Total | VARC | DILR | QA |
| 99.5 | 103.9 | 44 | 41.4 | 36.6 | 84.29 | 44 | 30.5 | 28 | 93 | 43 | 32 | 38 |
| 99 | 95.13 | 40.3 | 37.8 | 33 | 76.02 | 39.83 | 27.29 | 26 | 84 | 39 | 29 | 33 |
| 97 | 78.9 | 33.54 | 30.8 | 25 | 61.56 | 33.65 | 22.5 | 21.8 | 68 | 32 | 23 | 26 |
| 95 | 70 | 30 | 27 | 22 | 54.86 | 28.78 | 18.92 | 16.8 | 60 | 28 | 19 | 23 |
| 90 | 58 | 24 | 22.5 | 17 | 45.16 | 23.37 | 15.63 | 13.6 | 49 | 23 | 15 | 17 |
| 80 | 44 | 18.2 | 17 | 11.6 | 41.19 | 17.58 | 11.67 | 9.2 | 36 | 18 | 11 | 12 |
| 70 | 25.3 | 15 | 13 | 9 | 38.94 | 10 | 8 | 6 | 28 | 13 | 8 | 9 |



George Daniel,
CAT 98.78%ile

"I enrolled for catking mocks after trying many other mocks. Catking Real Cat mocks were moderate in difficulty which helped me precisely plan my strategies. Actual Cat mocks were one of the unique features that helped me value myself on the basis of previous year questions. They also provided us with lots of Ebooks and materials. Topper's attempt videos gave me insights about how to attempt the paper to be a topper. The best value for money on any mocks I have enrolled for!"



Akshma, CAT
99.36%ile

Hey, big thanks to the CATKing family for all the efforts that they put in. I was a part of the CK intensive course. Verbal Mondays and Wednesdays by Sumit were so helpful. PYQ sessions and live mock solving in class by Sahil were beyond amazing. Sudhanshu's QA and DILR weekend boot camps helped me in boosting my performance so much. Dashboard is equipped with literally everything I needed for my preparation. Real CAT mocks were really close to the actual level of the exam and some a notch higher.

CAT 2009–2024 Analysis



Sumit sir

| Year | No. of Ques | Minutes | Average time per Question (In Minutes) | Sections | Convenor | Convenor Name | Time Per Question |
|------------------------|-------------|---------|--|-----------------|---------------|--------------------------|-------------------|
| 2009 (15 min tutorial) | 60 | 135 | 2.25 | QA, DI & LR, VA | IIM Ahmedabad | Satish Deodhar | 2.25 |
| 2010 (15 Min Tutorial) | 60 | 135 | 2.25 | QA, DI & LR, VA | IIM Lucknow | Prof Himanshu Rai | 2.25 |
| 2011 | 60 | 140 | 2.33 | QA, DI & LR, VA | IIM Calcutta | Sanjeet singh | 2.3 |
| 2012 | 60 | 140 | 2.33 | QA, DI & LR, VA | IIM Kozhikode | Prof SSS Kumar | 2.3 |
| 2013 | 60 | 140 | 2.33 | QA, DI & LR, VA | IIM Indore | Dr Rohit Kapoor | 2.33 |
| 2014 | 100 | 170 | 1.70 | QA, DI & LR, VA | IIM Indore | Dr Rohit Kapoor | 1.7 |
| 2015 | 100 | 180 | 1.80 | QA, DI & LR, VA | IIM Ahmedabad | Dr Tathagat Bandopadhyay | 1.8 |
| 2016 | 100 | 180 | 1.80 | QA, DI & LR, VA | IIM Bangalore | Dr Rajendra K Bandi | 1.8 |
| 2017 | 100 | 180 | 1.8 | QA, DI & LR, VA | IIM Lucknow | Dr Neeraj Dwivedi | 1.8 |
| 2018 | 100 | 180 | 1.80 | QA, DI & LR, VA | IIM Calcutta | Dr Sumantu Basu | 1.8 |
| 2019 | 100 | 180 | 1.80 | QA, DI & LR, VA | IIM Kozhikode | Dr Subhasis Dey | 1.8 |
| 2020 | 76 | 120 | 1.58 | QA, DI & LR, VA | IIM Indore | Dr Harshal Lowelekar | 1.58 |
| 2021 | 66 | 120 | 1.82 | QA, DI & LR, VA | IIM Ahmedabad | Dr MP Ram Mohan | 1.82 |
| 2022 | 66 | 120 | 1.82 | QA, DI & LR, VA | IIM Bangalore | Dr Ashis Mishra | 1.82 |
| 2023 | 66 | 120 | 1.82 | QA, DI & LR, VA | IIM Lucknow | Sanjeet singh | 1.82 |
| 2024 | 66 | 120 | 1.82 | QA, DI & LR, VA | IIM Calcutta | Ramya T. Venkateswaran | 1.82 |



Rishabh Shri,
CAT 98.54%ile

I credit my success in CAT 2023 to CATKing. I was part of the CATKing YouTube family and also enrolled in the mock course provided on the official dashboard. The mocks helped me immensely in assessing my progress, and the live solution videos helped me in analyzing and correcting my mistakes. Additionally, the insights and motivation provided by Rahul Sir acted as a pillar for my unwavering focus throughout my CAT journey.



Sumit Sir

Now Let's have a look on CAT Preparation Strategy

Prepare in three phases :-

1. Phase 1 (Till 15 Aug):-

- i. Study VPAR
- ii. Daily read AEON Essays
- iii. For Vocabulary read from Norman Lewis Word Power Made Easy
- iv. Daily Do 1 RC, 1 DILR set, and 20 Questions of Quant
- v. Give monthly 1 mock
- vi. Start preparing for basics(8th, 9th, 10th class) -> which covers 12 questions(i.e. 80%ile) of the CAT exam.

2. Phase 2(Till 15 Oct) :-

- i. Do LOD2 ebooks
- ii. Daily do 5 RCs, 5 PJs, 5 PS, 5 DILR sets, and 30 Questions of Quants
- iii. Start giving weekly mocks
- iv. Start working on week sections
- v. Start doing revision
- vi. Work on potential mock score(Do a proper analysis of your paper)
- vii. Give CATKing special Diwali Mock and take a pledge to celebrate next Diwali at an IIM **#aglidiwaliIIMwali**

3. Phase 3(Till CAT) :-

- i. Start giving weekly mocks and analysis
- ii. Focus on Last Leap CAT books
- iii. Start solving last 10 years CAT papers
- iv. Attend Rocket Bootcamps

| Time to CAT | Study Plan Videos |
|-------------|-----------------------------|
| 1 Year | WATCH VIDEO |
| 8 Months | WATCH VIDEO |
| 6 Months | WATCH VIDEO |
| 3 Months | WATCH VIDEO |



Sumit Sir

What After CAT?

Let's have a look on GD-WAT-PI process!

| Selection Process | Description |
|----------------------------|---|
| Written Ability Test (WAT) | <ul style="list-style-type: none"> • 1 question is given and 2-5 minutes is given to think • Essay is to be written of 100-200 words. • Essay writing time (IIM Bangalore - 30 min, IIM Lucknow - 15 min, IIM Ahmedabad - 10 mins) |
| Personal Interview (PI) | <ul style="list-style-type: none"> • It is an in person interaction with the panel of the college the student is applying for |

Now, We will look into the weightage of CAT exam in final selection in IIM

| Institute | Weightage(%) |
|---------------|--------------|
| IIM Bangalore | 30 |
| IIM Calcutta | 30 |
| IIM Lucknow | 40 |
| IIM Ahmedabad | 50 |
| IIM Trichy | 25 |
| IIM Indore | 40 |
| IIM Sirmaur | 30 |
| IIM Jammu | 30 |
| IIM Rohtak | 20 |

| Institute | Weightage(%) |
|-------------------|--------------------------------------|
| IIM Ranchi | 30 |
| IIM Amritsar | 25 |
| IIM Visakhapatnam | 25 |
| IIM Raipur | 35 |
| IIM Udaipur | 15 |
| IIM Kashipur | 25 |
| IIM Kozhikode | 44 |
| IIM Bodh Gaya | 20 (If WAT is not conducted then 30) |



Neelanshu, CAT
99.06%ile

"CatKing played a crucial role in my preparation for CAT 2023. Krishna Bajoria sir's lectures on Quantitative Aptitude helped me revise all the concepts thoroughly without missing anything. Sumit sir's rules on the VARC (Verbal Ability and Reading Comprehension) topic are AMAZING. I never thought VARC could be so easy."

Let's dive into to the Cutoff %ile, Placement Highlights, Total fees, and Batch Size



Sumit sir

| College Name | Cutoff %ile | Average Placement | Median Placement | Highest Placement | Total Fees | Batch Size |
|-------------------|-------------|-------------------|------------------|-------------------|------------|------------|
| IIM Ahmedabad | 99 | 34.46L | 31.58L | 1.46Cr | 33.35L | 380 |
| IIM Bangalore | 99 | 35.92L | 32.50L | - | 25.70L | 517 |
| IIM Calcutta | 99 | 35.70L | 33.67L | 1.15Cr | 31L | 465 |
| IIM Lucknow | 90 | 32.21L | 30L | 49.3L | 20.75L | 571 |
| IIM Indore | 90 | 30.21L | 27.2L | 1.15Cr | 20.11L | 572 |
| IIM Kozhikode | 85 | 31.02L | 27L | 67.02L | 22.5L | 559 |
| IIM Shillong | 94 | 26.96L | 26.09L | 71.30L | 17.5L | 238 |
| IIM Udaipur | 92 | 20.09L | 20L | 46.77L | 22.5L | 318 |
| IIM Raipur | 92 | 21.04L | 20L | 67.6L | 19L | 255 |
| IIM Rohtak | 95 | 18.73L | 17.5L | 36L | 17.9L | 237 |
| IIM Visakhapatnam | 80 | 16.61L | 16L | 32.65L | 17.85L | 193 |
| IIM Trichy | 92 | 20.55L | 19.5L | 41.61L | 21.00L | 275 |
| IIM Sambalpur | 94 | 16.63L | 16L | 64.61L | 21L | 167 |
| IIM Ranchi | 94 | 17.3L | 16.5L | 35.5L | 17.50L | 399 |
| IIM Bodhgaya | 85 | 12.36L | 12L | 30.5L | 16.28L | 184 |
| IIM Sirmaur | 92 | 14.45L | 13L | 64.12L | 17L | 238 |
| IIM Jammu | 90 | 16.43L | 15.25L | 64L | 18.85L | 239 |
| IIM Amritsar | 85 | 16.51L | 16L | 20.57L | 17.30L | 228 |
| IIM Kashipur | 92 | 15.21L | 14.82L | 28.82L | 17.3L | 321 |
| IIM Nagpur | 85 | 16.74L | 16.85L | 64L | 18.9L | 236 |
| IIM Mumbai | NA | 25.01L | 24.09L | 49L | 21L | 471 |


Sumit Sir

| Colleges | Program Offered(MBA) |
|---------------------|--|
| IIM Ahmedabad | PGP, PGP-FABM |
| IIM Amritsar | MBA, EMBA, MBA-Business Analytics, MBA-HRM |
| IIM Bangalore | PGP, PGPEM, PGPBA |
| IIM Bodh Gaya | PGP |
| IIM Calcutta | MBA |
| IIM Indore | PGP, PGP-HRM, FPM |
| IIM Jammu | PGP |
| IIM Kashipur | MBA, MBA (Analytics), MBA (WX) |
| IIM Kozhikode | PGP, PGP-BL, PGP-F, PGP-LSM |
| IIM Lucknow | PGP, PGP-ABM, PGP-SM, FPM |
| IIM Nagpur | PGP |
| IIM Raipur | PGP, FPM/ PhD |
| IIM Ranchi | PGP, PGP-HRM, PGP (Business Analytics) |
| IIM Rohtak | PGP, EPGPX, Part-Time FPM |
| IIM Sambalpur | MBA |
| IIM Shillong | PGP, PGPEX, PGPWE |
| IIM Sirmaur | MBA, MBA (T&HM) |
| IIM Tiruchirappalli | PGPM, PGPM-HR, PGPBM, FPM |
| IIM Udaipur | MBA |
| IIM Visakhapatnam | PGP, PGPEX, PGPDGM |
| IIM Mumbai | MBA, MBA Sustainability Management, MBA Operations and Supply Chain Management |


Dhruvsingh, CAT
99.2%ile

I have been part of the catking family for a long time. They have not only helped me in developing the aptitude and knowledge to crack CAT but also guidance for what lies ahead. The Real Cat mocks are wonderful and very close to the actual cat. The faculty are very knowledgeable and make concepts easy to comprehend.





Sumit Sir

| Colleges | Program Offered(PhD) |
|---------------|----------------------|
| IIM Ahmedabad | PhD |
| IIM Amritsar | PhD |
| IIM Bangalore | PhD |
| IIM Bodh Gaya | PhD (FPM) |
| IIM Calcutta | PhD |
| IIM Jammu | PhD |
| IIM Kashipur | PhD |
| IIM Kozhikode | PhD, PhD (PT) |
| IIM Nagpur | PhD |

| Colleges | Program Offered(PhD) |
|-------------------|----------------------|
| IIM Raipur | PhD |
| IIM Ranchi | PhD, EPhD |
| IIM Rohtak | PhD |
| IIM Sambalpur | PhD, E PhD |
| IIM Shillong | PhD, PhDWP |
| IIM Sirmaur | PhD |
| IIM Udaipur | PhD |
| IIM Visakhapatnam | PhD |
| IIM Mumbai | PhD |

| Colleges | Program Offered(Executive) |
|---------------------|----------------------------|
| IIM Ahmedabad | ePGP |
| IIM Amritsar | EMBA |
| IIM Kashipur | EFPM |
| IIM Raipur | EFPM |
| IIM Ranchi | EPhD |
| IIM Rohtak | EPGPX, EPGDSM |
| IIM Shillong | PGPEX |
| IIM Tiruchirappalli | E-FPM |
| IIM Visakhapatnam | PGPEX |

Real CAT 2025 Mocks Schedule

CATKing CAT 2025 Real CAT Mocks Schedule (Proctored Mocks)

| RC # | Start Date (8:00 am) | End Date (8:00 am) | Waves | Toppers Attempt@CAT | CAT Live Mock Solving |
|------------------|----------------------|--------------------|--------|---------------------|-----------------------|
| Diagnostic Mock | 18th April | N/A | N/A | N/A | N/A |
| Real CAT 2025 1 | 18th April | 10th August | Wave 1 | 18th April | 27th April |
| Real CAT 2025 2 | 25th April | 17th August | | 25th April | 4th May |
| Real CAT 2025 3 | 2nd May | 24th August | | 2nd May | 11th May |
| Real CAT 2025 4 | 9th May | 31st August | | 9th May | 18th May |
| Real CAT 2025 5 | 16th May | 7th September | | 16th May | 25th May |
| Real CAT 2025 6 | 23rd May | 14th September | Wave 2 | 23rd May | 1st June |
| Real CAT 2025 7 | 30th May | 21st September | | 30th May | 8th June |
| Real CAT 2025 8 | 6th June | 28th September | | 6th June | 15th June |
| Real CAT 2025 9 | 13th June | 5th October | | 13th June | 22nd June |
| Real CAT 2025 10 | 20th June | 12th October | | 20th June | 29th June |
| Real CAT 2025 11 | 27th June | 19th October | Wave 3 | 27th June | 6th July |
| Real CAT 2025 12 | 4th July | 26th October | | 4th July | 13th July |
| Real CAT 2025 13 | 11th July | 2nd November | | 11th July | 20th July |
| Real CAT 2025 14 | 18th July | 9th November | | 18th July | 27th July |
| Real CAT 2025 15 | 25th July | 16th November | | 25th July | 3rd August |
| Real CAT 2025 16 | 1st August | 10th August | Wave 4 | 1st August | 10th August |
| Real CAT 2025 17 | 8th August | 17th August | | 8th August | 17th August |
| Real CAT 2025 18 | 15th August | 24th August | | 15th August | 24th August |
| Real CAT 2025 19 | 22nd August | 31st August | | 22nd August | 31st August |
| Real CAT 2025 20 | 29th August | 7th September | | 29th August | 7th September |
| Real CAT 2025 21 | 5th September | 14th September | Wave 5 | 5th September | 14th September |
| Real CAT 2025 22 | 12th September | 21st September | | 12th September | 21st September |
| Real CAT 2025 23 | 19th September | 28th September | | 19th September | 28th September |
| Real CAT 2025 24 | 26th September | 5th October | | 26th September | 5th October |
| Real CAT 2025 25 | 3rd October | 12th October | | 3rd October | 12th October |
| Real CAT 2025 26 | 10th October | 19th October | Wave 6 | 10th October | 19th October |
| Real CAT 2025 27 | 17th October | 26th October | | 17th October | 26th October |
| Real CAT 2025 28 | 24th October | 2nd November | | 24th October | 2nd November |
| Real CAT 2025 29 | 31st October | 9th November | | 31st October | 9th November |
| Real CAT 2025 30 | 7th November | 16th November | | 7th November | 16th November |

Sumit sir

CAT Sample Questions with Solutions

Quantitative Ability



Sumit sir

Q1. Brishti went on an 8-hour trip in a car. Before the trip, the car had travelled a total of x km till then, where x is a whole number and is palindromic, i.e., x remains unchanged when its digits are reversed. At the end of the trip, the car had travelled a total of 26862 km till then, this number again being palindromic. If Brishti never drove at more than 1110 km/h, then the greatest possible average speed at which she drove during the trip, in km/h, was

1. 90
2. 100
3. 80
4. 110

A1. The distance travelled before the trip (x in km.) is a palindrome. Let the average speed of Brishti be s kmph. The total distance covered by Brishti after the trip is 26862 km. The distance covered by Brishti during the trip is $8 \times s = 8s$ km.
 $x = 26862 - 8s$
 For x to be a palindrome, of the given options, s can only be 100. Therefore, the average speed of Brishti during the trip is 100 kmph.

Q2. The selling price of a product is fixed to ensure 40% profit. If the product had cost 40% less and had been sold for 5 rupees less, then the resulting profit would have been 50%. The original selling price, in rupees, of the product is (CAT 2024 Slot 1)

- 1) 20
- 2) 15
- 3) 14
- 4) 10

Let us take the original CP as $100x$ and SP as $140x$.
 New CP will be 40% less = $60x$
 New SP will be 5 less than initial SP = $140x - 5$

$$\begin{aligned} \text{Profit} &= 140x - 5 - 60x = 30x \\ 140x - 60x - 30x &= 5 \\ 50x &= 5 \\ x &= 0.1 \end{aligned}$$

$$\text{Original Selling Price} = 140x = 140 * 0.1 = 14$$

Know more about How to improve Quants from Zero

[WATCH VIDEO](#)





Sumit sir

Q3. In September, the incomes of Kamal, Amal and Vimal are in the ratio 8:6:5. They rent a house together, and Kamal pays 15%, Amal pays 12% and Vimal pays 18% of their respective incomes to cover the total house rent in that month. In October, the house rent remains unchanged while their incomes increase by 10%, 12% and 15% respectively. In October, the percentage of their total income that will be paid as house rent, is nearest to

(CAT 2024 Slot 1)

- a) 15.18
- b) 13.26
- c) 12.75
- d) 14.84

A3. Let us take the income as 800x, 600x, and 500x respectively.

| | Kamal | Amal | Vimal |
|--------------------|------------------------|-----------------------|-----------------------|
| September Salary | 800x | 600x | 500x |
| Rent | $15/100 * 800x = 120x$ | $12/100 * 600x = 72x$ | $18/100 * 500x = 90x$ |
| Increase in income | $10/100 * 800x = 80x$ | $12/100 * 600x = 72x$ | $15/100 * 500x = 75x$ |
| Salary October | 880x | 672x | 575x |

Rent in October = 282x

Total Income in October = 2127x

Percentage of total income paid as rent = $282x / 2127x * 100 = 13.26$



**Manav, CAT
99.47%ile**

From scoring 45 marks in my first mock to achieving 99.47 in the actual CAT, the Catking dashboard has been my constant companion. I vividly recall the live mock analysis videos where Shudhanshu sir would solve questions and exclaim, ""Kya 10 questions nahi ban sakte the isme"" for each section. This mantra stuck with me, proving especially beneficial in the Quant section. My goal was always to attempt at least 10 questions in each section. The strategies discussed in the live lectures were invaluable. Sumit sir's advice to read Aeon essays was a game-changer.



**Sumit sir**

Verbal Ability and Reading Comprehension

Q1. There is a sentence that is missing in the paragraph below. Look at the paragraph and decide where (option 1, 2, 3, or 4) the following sentence would best fit.

Sentence: The brain isn't organized the way you might set up your home office or bathroom medicine cabinet.

Paragraph: (1) . You can't just put things anywhere you want to. The evolved architecture of the brain is haphazard and disjointed, and incorporates multiple systems, each of which has a mind of its own. (2). Evolution doesn't design things and it doesn't build systems-it settles on systems that, historically, conveyed a survival benefit. There is no overarching, grand planner engineering the systems so that they work harmoniously together. (3) . The brain is more like a big, old house with piecemeal renovations done on every floor, and less like new construction.

- 1) Option 4
- 2) Option 2
- 3) Option 1
- 4) Option 3

(CAT 2024 Slot 1)

The correct answer is Option 1 because it introduces a helpful analogy before describing the brain's messy structure. The sentence about the home office or medicine cabinet sets up a contrast with what follows. The next line explains that the brain is "haphazard and disjointed," which aligns with the analogy. This makes the comparison flow logically and clearly for the reader. Inserting it elsewhere would interrupt the paragraph's meaning or feel redundant.

Q2. The passage given below is followed by four alternate summaries. Choose the option that best captures the essence of the passage.

Scientific research shows that many animals are very intelligent and have sensory and motor abilities that dwarf ours. Dogs are able to detect diseases such as cancer and diabetes and warn humans of impending heart attacks and strokes. Elephants, whales, hippopotamuses, giraffes, and alligators use low-frequency sounds to communicate over long distances, often miles. Many animals also display wide-ranging emotions, including joy, happiness, empathy, compassion, grief, and even resentment and embarrassment. It's not surprising that animals share many emotions with us because we also share brain structures, located in the limbic system, that are the seat of our emotions.

(CAT 2024 Slot 1)

- 1) The advanced sensory and motor abilities of animals is the reason why they can display wide-ranging emotions.
- 2) The similarity in brain structure explains why animals show emotions typically associated with humans.
- 3) Animals can show emotions which are typically associated with humans.
- 4) Animals are more intelligent than us in sensing danger and detecting diseases





Sumit sir

The passage discusses both the emotional and sensory abilities of animals. It highlights that animals share complex emotions with humans. Importantly, it explains why – due to shared brain structures in the limbic system. Option 2 accurately captures this cause-effect relationship (brain structure → emotions). Options 1, 3, and 4 miss the core reasoning provided in the passage. Thus, option b best summarizes the essence of the paragraph.

So, option 2 is the correct choice.

Q3. The passage given below is followed by four alternate summaries. Choose the option that best captures the essence of the passage.

Manipulating information was a feature of history long before modern journalism established rules of integrity. A record dates back to ancient Rome, when Antony met Cleopatra and his political enemy Octavian launched a smear campaign against him with "short, sharp slogans written upon coins." The perpetrator became the first Roman Emperor and "fake news had allowed Octavian to hack the republican system once and for all". But the 21st century has seen the weaponization of information on an unprecedented scale. Powerful new technology makes the fabrication of content simple, and social networks amplify falsehoods peddled by States, populist politicians, and dishonest corporate entities. The platforms have become fertile ground for computational propaganda, 'trolling' and 'troll armies'.

1. Disinformation, which is mediated by technology today, is not new and has existed since ancient times.
2. People need to become critical of what they read, since historically, weaponization of information has led to corruption.
3. Use of misinformation for attaining power, a practice that is as old as the Octavian era, is currently fueled by technology.
4. Octavian used fake news to manipulate people and attain power and influence, just as people do today.

The key ideas of the paragraph are that (a) manipulating information for attaining power, that is, disinformation, is not new; it was used even in ancient Rome by Octavian and (b) technology has made fabricating content and amplifying falsehoods easier.

Option C states both key ideas and is the best of the given summaries.

Option A is incorrect as it states that disinformation is 'mediated by' technology today. This is not what the paragraph states.

Option B is unrelated to the main idea of the paragraph.

Option D focuses on Octavian whereas the paragraph only gives his example to illustrate how information has been manipulated since ancient times. C is a better summary than D.

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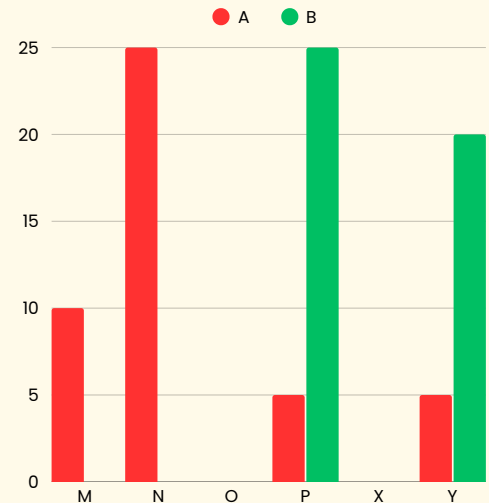




Sumit sir

Data Interpretation and Logical Reasoning (CAT 2024 Slot 1)

Six web surfers M, N, O, P, X, and Y each had 30 stars which they distributed among four bloggers A, B, C, and D. The number of stars received by A and B from the six web surfers is shown in the figure below.
No. of stars received by Bloggers A and B



- The numbers of stars received by the bloggers from the surfers were all multiples of 5 (including 0).
- The total numbers of stars received by the bloggers were the same.
- Each blogger received a different number of stars from M .
- Two surfers gave all their stars to a single blogger.
- D received more stars than C from Y.

Q1. What was the total number of stars received by D?

Q2. What was the number of stars received by D from Y?

- a) cannot be determined
- b) 5
- c) 0
- d) 10

Q3. How many surfers distributed their stars among exactly 2 bloggers?

Q4. Which of the following can be determined with certainty?

- I. The number of stars received by C from M
 - II. The number of stars received by D from O
- a) Only I
 - b) Both I and II
 - c) Only II
 - d) Neither I nor II

Total number of stars = $30 * 6 = 180$

From (2) – Number of stars received by each blogger = $180/4 = 45$

Fill the table using data provided.



Sumit sir

| | A | B | C | D | Total |
|-------|----|----|------|------|-------|
| M | 10 | - | 15 | 5 | 30 |
| N | 25 | - | 0 | 5 | 30 |
| O | - | - | 30/0 | 0/30 | 30 |
| P | 5 | 25 | - | - | 30 |
| X | - | - | 0/30 | 30/0 | 30 |
| Y | 5 | 20 | - | 5 | 30 |
| Total | 45 | 45 | 45 | 45 | 180 |

From given point (3) -M will be giving 15 & 5 as each blogger received a different number of stars from M.

C will definitely have 30 stars from either O or X. It needs to get 15 from M to complete 45 stars. Therefore M will give 15 to C and 5 to D.

From given point (4) - M, N,P, and Y are eliminated, as they received stars from different surfers. Now only O & X are remaining.

From given point (5) - Y will give 5 to D and 0 to C, as Y is give more stars to D than C.

Answers

Q1: 45

Q2: 5

Q3: 2

Q4: The number of stars received by C from M

***All the
Best!!!***

