Worried about CSAT

HUMAN PERITUS
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Human Peritus is trusted guide for Numerical Aptitude and Reasoning for various competitive exams by the UPSC.

We offer coaching classes and study material for:
1. UPSC CSAT (Civil Services Prelims exam)
2. UPSC CAPF
3. UPSC CISF
4. Recruitment Exams (RTs) of UPSC like ALC, LEO, EPFO EO/AO, APFC, ESIC DD, Admin Officers (GSI, DRDO, BRO), Store Officer, CSD Manager, Drug Inspector etc.
5. UPSC CDS

Study for 50-60 hours with us and we will take your capability to a level, where you can get 80-90% correct on exam day.

Our objective is not to make you solve 500 questions, but to do only 5 questions and learn a method, which will work on all 500 questions.

Learn with conceptual clarity without any need to remember formulas and de-risk yourself from unpredictability of paper.

We will make you crack the exam with minimum preparation time, because we will make you study only what is required for exam.

You need not study any other book, not even previous years' papers. Depend completely upon us for maximizing your score.

The students usually find more than 90% questions in exam, directly from concepts discussed in our classes at Human Peritus.

For the coaching classes for Numerical Aptitude and Reasoning, you may reach out to our team via any of following modes:

1. Call us at 9773808919
2. Email at contact@humanperitus.com
3. Address - 53, Mall Road, Near Gate Number 1, GTB Nagar Metro Station, New Delhi

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Which Questions are asked in CSAT

In order to understand the mindset, syllabus, format and difficulty level of numerical aptitude questions in various UPSC exams, we did a question-by-question analysis of all exams of UPSC over last 10 years (including CSAT).

We analyzed approximately 2000 questions of following exams.
> 1. UPSC CSAT (Civil Services Preliminary Exam – General Studies II)
> 2. UPSC CAPF
> 3. UPSC CISF
> 4. Recruitment exams (RTs) of UPSC like ALC, LEO, EPFO EO/AO, APFC, ESIC DD, Admin Officers (GSI, DRDO, BRO), Store Officer, CSD Manager, Drug Inspector etc.
> 5. UPSC CDS*

Based on this analysis, we concluded following 3 points –

1. The pattern, the format, and the difficulty level of questions is exactly the same for all above-mentioned exams.
2. We were also able to create a precise boundary of the syllabus for UPSC CSAT (since UPSC has never disclosed detailed syllabus).
3. Further it appears that there is the SAME TEAM in UPSC, which creates questions of Numerical Aptitude and Reasoning for all above mentioned exams.

Although there are many, but we have listed some of these questions, for your reference. You may check out, how similar questions keep rotating among these exams, across various years.

UPSC CAPF – **Year 2014**	UPSC CSAT – **Year 2023**
If x is a positive integer such that $2x + 12$ is perfectly divisible by x, then the number of possible values of x is: (A) 2 (B) 5 (C) 6 (D) 12	Let x be a positive integer such that $7x + 96$ is divisible by x. How many values of x are possible? (A) 10 (B) 11 (C) 12 (D) Infinitely many

Admin Officer GSI – **Year 2018**	UPSC CSAT – **Year 2023**
8 points are marked on a straight line and 9 points are marked on another parallel straight line. How many triangles can be constructed with vertices among the above points? (A) 252 (B) 288 (C) 540 (D) 680	ABCD is a square. One point on each of AB and CD; and two distinct points on each of BC and DA are chosen. How many distinct triangles can be drawn using any three points as vertices out of these six points? (A) 16 (B) 18 (C) 20 (D) 24

UPSC ALC – **Year 2015**	UPSC CSAT - **Year 2019**
A printer numbers the pages of a book starting with 1 and uses 3189 digits in all. How many pages does the book have? (A) 1069 (B) 1071 (C) 1074 (D) 1075	A printer numbers the pages of a book starting with 1 and uses 3089 digits in all. How many pages does the book have? (A) 1040 (B) 1048 (C) 1049 (D) 1050

Store Officer DRDO – **Year 2023**	UPSC CSAT – **Year 2023**
The positions of how many letters in the word 'SWITZERLAND' will remain unchanged when the letters of the word are arranged alphabetically in the reverse order? (A) None (B) One (C) Two (D) Three	The letters of the word "INCOMPREHENSIBILITIES" are arranged alphabetically in reverse order. How many positions of the letter/letters will remain unchanged? (A) None (B) One (C) Two (D) Three

UPSC CSAT – **Year 2015**	USPC CSAT – **Year 2023**
There are 5 tasks and 5 persons. Task-1 cannot be assigned to either person-1 or person-2. Task-2 must be assigned to either person-3 or person-4. Every person is to be assigned one task. In how many ways can the assignment be done? (A) 6 (B) 12 (C) 24 (D) 144	There are five persons P, Q, R, S, and T each one of whom has to be assigned one task. Neither P nor Q can be assigned Task – 1. Task – 2 must be assigned to either R or S. In how many ways can the assignment be done? (A) 6 (B) 12 (C) 18 (D) 24

UPSC CAPF – **Year 2020**	UPSC CSAT - **Year 2021**
In an exam, a candidate attempts 20 questions and scores 72 marks. If 5 marks are awarded for each correct answer and 2 marks are deducted for each wrong answer, then how many. questions were answered correctly by him? (A) 18 (B) 17 (C) 16 (D) 15	In an objective type test 90 questions, 5 marks are allotted for every correct answer and 2 marks are deducted for every wrong answer. After attempting all the 90 questions, a student got a total of 387 marks. What is the number of incorrect responses? (A) 9 (B) 13 (C) 27 (D) 43

UPSC CISF – **Year 2018**	UPSC CSAT - **Year 2021**
How many times in a day are the hour hand and the minute hand of a wall clock straight (i.e. the angle between them is 180°)? (A) 20 (B) 21 (C) 22 (D) 24	At which one of the following times, do the hour hand and the minute hand of the clock make an angle of 180° with each other? (A) At 7:00 hours (B) Between 7:00 hours and 7:05 hours (C) At 7:05 hours (D) Between 7:05 hours and 7:10 hours

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UPSC CAPF – **Year 2014**	UPSC CSAT - **Year 2019**
If every alternate letter of English Alphabet is written in lower case (Small letters) such that the 21st letter is in capital letter and remaining letters are capitalized, then how many vowels will be written in capital letters? (A) 5 (B) 4 (C) 3 (D) 2	If every alternative letter of the English alphabet from B onwards (including (B) is written in lower case (small letters) and the remaining letters are capitalized, then how is the first month of the second half of the year written? (A) JuLY (B) jULy (C) jUly (D) jUlY

UPSC CDS II – **Year 2022**	UPSC CSAT - **Year 2019**
Mean marks of 50 students were found to be 78.4. But later it was detected that 95 was misread as 59 and 25 was misread as 52. What is the difference between correct mean and incorrect mean? (A) 0.04 (B) 0.08 (C) 0.12 (D) 0.18	The average marks of 100 students are given to be 40. It was found later that marks of one student were 53 which were misread as 83. The corrected mean marks are: (A) 39 (B) 39.7 (C) 40 (D) 40.3

UPSC APFC – **Year 2015**	UPSC CSAT - **Year 2019**
In writing all the integers from 1 to 300, how many times is the digit 1 used? (A) 160 (B) 140 (C) 120 (D) 110	The number of times the digit 5 will appear while writing the integers from 1 to 1000 is: (A) 269 (B) 271 (C) 300 (D) 302

UPSC CDS I – **Year 2022**	UPSC CSAT - **Year 2022**
How many minutes are there in x weeks and x days? (A) 11520x (B) 5760x (C) 480x (D) 192x	How many seconds in total are there in x weeks, x days, x hours, x minutes and x seconds? (A) 11580x (B) 11581x (C) 694860x (D) 694861x

UPSC EPFO – **Year 2021**	UPSC CSAT - **Year 2021**
The first 6 letters are written in opposite order, the next 6 letters are written in opposite order and so on. At the end, 'Y' is interchanged with 'Z'. Which one of the following is the fourth letter to the right of the 13th letter? (A) N (B) O (C) M (D) I	In the English alphabet, the first 4 letters are written in opposite order; and the next 4 letters are written in opposite order and so on; and at the end Y and Z are interchanged. Which will be the fourth letter to the right of the 13th letter? (A) N (B) T (C) H (D) I

UPSC ALC– **Year 2015**	UPSC CSAT - **Year 2017**
A cube of the side 4 cm is painted on all 6 faces with the same colour. It is then broken up into smaller cubes, each of side 1 cm. What is the proportion of the number of cubes with no paint to the number of cubes with exactly one face painted and to those with exactly two sides painted? (A) 1 : 2 : 3 (B) 3 : 6 : 8 (C) 1 : 3 : 4 (D) 1 : 3 : 3	The outer surface of a 4 cm × 4 cm × 4 cm cube is painted completely in red. It is sliced parallel to the faces to yield sixty four 1 cm × 1 cm × 1 cm small cubes. How many small cubes do not have painted faces? (A) 8 (B) 16 (C) 24 (D) 36

UPSC ALC– **Year 2015**	UPSC CSAT - **Year 2019**	UPSC CDS - **Year 2020**
R was born when his father A was 27 years old. A's brother is of same age as of R's mother. R married on his mother's fiftieth birthday. A is three years older than his brother. How old was R on his marriage day? (A) 28 years (B) 26 years (C) 27 years (D) 25 years	Ena was born 4 years after her parents' marriage. Her mother is three years younger than her father and 24 years older than Ena, who is 13 years old. At what age did Ena's father get married? (A) 22 years (B) 23 years (C) 24 years (D) 25 years	Ena was born 4 years after her parents' marriage. Her mother is 3 years younger than her father and 24 years older than Ena, who is 13 years old. At what age did Ena's father got married? (A) 26 years (B) 24 years (C) 23 Years (D) 22 years

UPSC CAPF– **Year 2014**	Admin Officer GSI - **Year 2018**	UPSC CSAT - **Year 2021**
All letters of which of the following series of the English alphabet appear same when looked at in a mirror? (A) A, C, H, I, M (B) H, I, M, N, O (C) T, U, V, W, X (D) S, T, U, V, W	The number of English alphabet (capital) which have the same image in a mirror is: (A) 8 (B) 9 (C) 10 (D) 11 ANS. D (D) 25 years	Images of consonants of the English alphabet (Capitals) are observed in a mirror. What is the number of images of these which do not look like their original shapes? (A) 13 (B) 14 (C) 15 (D) 16

We have shown here a few questions only. As per overall analysis, **more than 90% of questions of all above-mentioned exams are from same set of concepts**. This analysis is even more important for UPSC CSAT aspirants as you do not have to maximize your score, but just need to qualify with 33% marks.

If you understand the concepts behind these 2000 questions, **you need not touch any other source/book for your UPSC exam**. But you need to "understand the concept" and not just "solve the question". In your paper on the exam day, the questions will not repeat, but the concepts will repeat. So, after solving every question take a pause and think, which method/concept did you learn. Only then move on to the next question.

At Human Peritus, we have designed our targeted course based on these 2000 questions. With this targeted approach, you will be able to prepare for CSAT in minimum possible time. Further, you need

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not touch any other book or previous papers. This will provide the most comprehensive coverage of the CSAT syllabus with very less efforts.

Syllabus for UPSC CSAT

Based on the same analysis, we have identified the boundary of the Syllabus for the above-mentioned exams, including UPSC CSAT. One does not have to randomly cover Numerical Ability topics of Banking, SSC, etc. exams but only the selected topics as mentioned below.

1. Number System- Digits Counting, Squares and Cubes, Number Properties, Simple Divisibility Rules, Unit Digit, Remainders, Zeroes, Factors, LCM and HCF
2. Percentage
3. Profit Loss and Discount
4. Ratio and Proportion
5. Time and Work
6. Mixture and Alligation
7. Average
8. Series and Progression
9. Simple and Compound Interest
10. Coding and Decoding
11. Number Series
12. Letter Series
13. Number Pattern
14. Mensuration- 2D objects, 3 D objects
15. Time Speed and Distance- Basics and Average Speed, Relative Speed, Races, Circular Track
16. Odd one Out
17. Permutation and Combination
18. Probability
19. Arrangements
20. Ranking and Ordering
21. Set Theory
22. Venn Diagram
23. Cross Tabulation
24. Simple Linear Equation
25. Algebraic Equations
26. Ages
27. Syllogism
28. Arguments and Conclusions
29. BODMAS
30. Calendar
31. Clocks
32. Dices and Cubes
33. Non-Verbal Reasoning
34. Fractions and Inequalities
35. Directions
36. Relationship

*For the UPSC CDS exam, there are few additional topics too like Quadratic Equation, Geometry, Coordinate Geometry etc. which are not required for CSAT.