

**Computer-based MAT MAY 2010 Analysis (8<sup>th</sup> May, 12:30 pm – 3 pm slot)**

**Overview:**

Computer-based MAT was not much different from the paper-based test held on 2<sup>nd</sup> May. Even the break-up of questions was almost the same. The interface of the test was very user-friendly and candidates taking paper-based test should not have any advantage over those taking the computer-based test.

The test had 5 sections - **Intelligence & Critical Reasoning, Language Comprehension, Mathematical Skills, Data Analysis & Sufficiency** and **General Awareness**, and one could have started attempting any of the sections first. The question paper, on an overall basis, belonged to an average level of difficulty. Each section contained a few questions that were easily manageable and hence made the question paper quite scoring.

**Executive Summary:**

The basic sequence of section with possible attempts was as follows:

<b>Section</b>	<b>No. of Questions</b>	<b>Possible Attempts</b>	<b>Suggested Time</b>	<b>Possible Score</b>
<b>Intelligence &amp; Critical Reasoning</b>	40	30	35	22 +
<b>Mathematical Skills</b>	40	22	35	18 +
<b>Data Analysis &amp; Sufficiency</b>	40	25	35	20 +
<b>G.A.</b>	40	23	10	20 +
<b>Language Comprehension</b>	40	32	35	24 +
<b>Total</b>	200	132+	150	84 + (excluding GK)

*\*Note: The number of attempts and the score has been worked out on the basis of the experts' insight on how the students would have taken the test and what score normally has been achieved by the students in past years in this level of paper.*

### Intelligence and Critical Reasoning

This has been the scoring area for many students in the recent MAT papers. The questions can be broadly classified as:

**This section was a mixed bag of questions with broad breakup as under:**

Type of question	No. of Questions	Level of Difficulty
<b>Blood Relationship</b>	3	Easy
<b>Venn Diagrams</b>	5	Very Easy
<b>Coding</b>	5	Average
<b>Direction Sense</b>	3	Average
<b>Different Positions of a Dice</b>	4	Average
<b>Assertion &amp; Reason</b>	5	Moderate-Difficult
<b>Critical Reasoning</b>	4	Moderate-Difficult
<b>AR (Single Set)</b>	3	Average
<b>Statement &amp; Conclusions</b>	5	Moderate-Difficult
<b>Sequence</b>	3	Easy

About 30 questions from this section could have been attempted. Assuming 80%+ accuracy, a score of 22+ was easily possible in 35 minutes.

### Mathematical Skills

The all time favorite arithmetic was very prominent. There was only one question from Geometry and none from Algebra. The questions from Ratio/Proportion and Mixtures/Solutions were also missing. The topic wise break up of the questions is as follows:

Type of question	No. of Questions	Level of Difficulty
Percentages, PLD and SI CI	9	Easy-Average
Average	1	Easy-Average
Trigonometry (Angle of Elevation/Depression)	3	Easy
Time Speed Distance + Work & Time	7	Average
Pipes & Cisterns	4	Average
Mensuration	2	Average
Misc.	5	Easy
Permutations and Probability	8	Average
Geometry	1	Average

Assuming an accuracy of 90% and attempt of 22 questions, a score of 18+ is possible in about 35 minutes.

### Data Analysis & Sufficiency

The pure DI sets were difficult to interpret & calculate because of multiple graphs used in the same Question Set. Apart from this, the 8 questions from DS and 8 questions on Quantitative comparison were easy to solve and hence helped to improve score. The breakup of questions is given below.

Type of question	No. of Questions	Level of Difficulty
Bar Graph (4 Graphs in one set)	5 (1 set)	Moderate
Bar-Graph + Pie-chart (Representing same data for two years)	4 (1 set)	Easy-Average
Triangle Data Set	5 (1 set)	Difficult

<b>Pie chart (2 Pie-charts)</b>	5 (1 set)	Difficult
<b>Quantitative Comparison</b>	8	Easy-Average
<b>Caselet</b>	5 (1 set)	Easy
<b>Data Sufficiency</b>	8	Easy

So the total attempt in this section could be about 25 questions and with about 85% accuracy one could have scored 20+ comfortably in this section.

### Language Comprehension

This was again a section of moderate difficulty level. Let us take a closer look at this section!

Total no. of Questions: 40

No. of RC passages: 5 (HALF PAGE EACH)

4 questions per RC passage

Questions from RC passages: 20

Questions from EU: 20

### **Analysis of English Usage and Reading Comprehension:**

Type	No. of Questions	Level of Difficulty
<b>Para jumbles (5 sentence type)</b>	5	Average
<b>Sentence broken into 4 parts with an error in 1 (Error Detection)</b>	5	Easy-Average
<b>Summary type Questions</b>	5	Average
<b>Fill in the blanks</b>	5	Average
<b>RC</b>	20 (5 passages)	One difficult, One Average and Three Easy

Once again RC could have given a decent score as the passages were easy and very short. English usage questions were also easy & manageable.

**An attempt of 32 questions with about 80 % accuracy could have yielded a possible score of 24+ in 35 minutes.**

### **General Awareness**

There were 40 questions based on Current affairs & some fact based questions. If one has been a regular reader of newspapers in the last two months, then the questions were manageable. In 10 minutes, a student could have attempted 23-25 questions and with 80 % accuracy; one could have got 18+ marks in GK Section.

#### **Overall analysis:**

<b>Expected Score (excluding GK)</b>	<b>Expected percentile</b>
90 +	99 + percentile
85-90	95 + percentile
81-85	90 + percentile
75-80	80 + percentile

**With best wishes  
Career Launcher Team**