

## ANALYSIS of-Dec 2010 MAT exam

<b>Number of Questions</b>	200
<b>Marking Scheme</b>	1 mark per question
<b>Negative Marking</b>	0.25 marks per question
<b>Number of Sections</b>	5
<b>Number of Choices</b>	4
<b>Duration</b>	150 minutes

This exam had 200 questions to be attempted in 150 minutes. Each question carried 1 mark and one-fourth mark is deducted for every wrong answer. There were five sections. The questions were organised section wise. Language Comprehension, Mathematical Skills, Data Analysis and Sufficiency, Intelligence and Critical Reasoning, and Indian & Global Environment. The marks obtained in the test area of 'Indian and Global Environment' is given separately in the score card and is not counted in the composite score. For evaluating the composite score, the total marks taken into consideration is 160 and NOT 200. The table below gives the estimated sectional percentile (**for a net raw score of 10 marks in each section**).

### Sectional Summary(estimated for Dec 2010 MAT exam & in earlier actual MAT exams conducted by AIMA)

Section	Number of questions	Sectional percentile (Feb 2010 MAT exam)	Sectional percentile (Dec 2009 MAT exam)	Sectional percentile (Sep 2009 MAT exam)	Estimated Sectional percentile (Dec 2010 MAT exam)
Language Comprehension	40	81	77	85.55	<b>80</b>
Mathematical Skills	40	91	87.23	84.82	<b>83</b>
Data Analysis and Sufficiency	40	77.71	87.93	64.3	<b>78</b>
Intelligence and Critical Reasoning	40	40	57.95	27.44	<b>45</b>

### Overall Summary(estimated for Dec 2010 MAT & in earlier actual MAT exams conducted by AIMA)

The consolidated score is evaluated by taking only four areas into account. Indian and Global Environment is not the part of the consolidated score. Hence, the scoring is done out



of a maximum possible score of 160 marks. The table below gives the overall percentile scored at different possible net marks in the earlier actual MAT exams conducted by AIMA. This table also gives the overall estimated percentile in this MAT exam at different possible net marks.

Overall Net Marks (excluding Indian and Global Environment)	Overall percentile (Feb2010 MAT exam)	Overall percentile (Dec 2009 MAT exam)	Overall percentile (Sep2009 MAT exam)	Overall estimated percentile (Dec2010 MAT)
35	75	78	65	78
40	80	86	73	83
50	90	95	87	94
65	99	99.5	99	More than 99

## Mathematical Skills

The paper predominantly had questions from the Arithmetic areas like (Percentages, Profit and Loss, Time and Work, Geometry & Mensuration, Ratio, Proportion, Variation, Time and Distance). The questions involved only the basics. The success in this particular test area depended on one's basic conceptual skills, and calculation skills. Those who were not thoroughly prepared would have found this section unmanageable. Some of the questions were quite tricky as well. Overall, the test area can be classified as MODERATE-DIFFICULT.

Area	Description	Marks	Difficulty level	Good Marks
Arithmetic	Time & Work, Pipes and Cisterns	7	Moderate-Difficult	9
	Time & Distance	5		
	Percentages, Profit & Loss	4		
	Simple Interest, Compound Interest	2		
	Geometry and Mensuration	3		
	Simple Equations , Quadratic equations. Ratios, Proportion and Variation	6		
	Concept related to venn diagram	1		
	Numbers	1		
Higher Maths	Heights and Distance, Trigonometry	3	Moderate-Difficult	3
	P&C	8		
	Probability			
	<b>Overall</b>	<b>40</b>	<b>Moderate-Difficult</b>	<b>12</b>



## Language Comprehension

This section had a mix of 20 questions from Reading Comprehension and 20 questions from Verbals. A good time allocation strategy would be to spend around 30-35 min. There were five passages, covering different subject areas, with four questions each. The questions were of all types, i.e., central idea, inference, fact based. The verbal area, too, had the usual 20 questions of different types. There was a lot of weightage on the questions related to english usage. Overall, RC and the verbal part were doable. Overall, the test area can be classified as MODERATE.

Area	Description	Marks	Difficulty level	Good Marks
Vocabulary	Fill in the blanks	3	Easy-Moderate	7
	One word substitution	3		
English Usage and Grammar	Summary	4	Moderate-Difficult	
	Identify the error in the sentence	3		
	Best way of conveying the intent of the passage	3		
	Para-Jumbles	4		
Reading Comprehension	A passage about the dreams of the author of having his article in national geographic about his work with Rwanda.	4	Easy-Moderate	
	A passage with the central idea being "Building Green and Thinking Green". Source: <a href="http://www.indiatogether.org/2010/may/env-buildgrn.htm">http://www.indiatogether.org/2010/may/env-buildgrn.htm</a>	4		
	Passage related to environmental issues.	4		
	A passage related to US global planning Source: <a href="http://www.chomsky.info/talks/19850319.htm">http://www.chomsky.info/talks/19850319.htm</a>	4		
	Passage related to negotiation skills.	4		
<b>Overall</b>		<b>40</b>	<b>Moderate</b>	<b>14</b>



## Intelligence and Critical Reasoning

This test area is a mix of Analytical reasoning (26 questions) and Critical Reasoning (14 questions). A good time allocation strategy would be to spend around 30-35 min. The questions on Analytical Reasoning were easy in nature and a majority of the questions were doable. Overall this test area can be classified as EASY

Area	Description	Marks	Difficulty level	Good Marks
Analytical reasoning	Number series, letter series	5	Easy	14
	Blood relations	3		
	Seating Arrangement	3		
	Directions	1		
	Linear arrangement	2		
	Linear sequencing(set based)	3		
	Distribution( 2 sets of 3 qs each)	6		
	Miscellaneous	3		
Critical Reasoning	Statement and Conclusions	5	Moderate	6
	Weakening the theory/argument	5		
	Assertion & Reasons	4		
	<b>Overall</b>	<b>40</b>	<b>Easy</b>	<b>20</b>



## Data Analysis and Sufficiency

As shown in the table below, this test area comprises of DI and DS, with DI accounting for 24 out of 40 questions while DS and Data Comparison put together accounting for the remaining 16 questions. The questions based on Data Comparison were much easier as compared to any other type of questions in the section. Overall, this test area can be considered to be Easy-Moderate. A good time allocation strategy would be to spend around 35-40 min. Overall this test area can be classified as EASY-MODERATE.

Area	Description	Marks	Difficulty level	Good Marks
<b>Data Interpretation</b>	Two export houses A & B exporting products X, Y & Z for a period Jan to June. The presentations were in line graph form and tabular format.	30	Moderate	<b>6--7</b>
	Revenue, profit and Expenditure of a company for 6 months(Bar graph)			
	FDI inflows to India, Kenya and Tanzania for Year 1 to year 6. (Line graph)			
	Exports of a company to Tanzania and the whole of Africa			
	Caselet about a supermarket: profits, sales given for 6 years.			
	Number of employees in six regions of a BPO in 2008 and 2009. The details were given in pie chart.			
<b>Data Sufficiency &amp; Data Comparison</b>	Each question followed by two statements	5	Easy	<b>7</b>
	Data Comparison	5		
	<b>Overall</b>	<b>40</b>	<b>Easy-Moderate</b>	<b>13--14</b>

## Indian and Global Environment





The questions in this test area were, from different subject areas. Overall this test area can be classified as Difficult. A good time allocation strategy would be to spend around 5-10 minutes for a good net score of 7-8 marks.

WWW.UPadmission.com

