

## Faculty of Management Science, Entrance Test January 11, 2009

One of the management education pioneers in India - **FMS, Delhi**, conducted its entrance test on **11<sup>th</sup>, January 2009** at **81 centers** located in **20 cities** across the country. As the **FMS** official figure says total of **50143** students have participated in the entrance test to prove their candidature for around **208** seats of MBA and MBA (MS) programmes of the institute.

Apart from its unique curriculum and high standards of education, FMS is famous for the maximum return on investment with total fees at the time of admission to be paid is **Rs. 10,000 approx.** only compared to the average placement of Average Domestic Salary of **Rs. 12.04** for MBA and **Rs. 10.55** for MBA (MS) programmes. (Source: FMS website)

The FMS, Delhi is perceived as a low profile, quiet, solid institute. This is reflected in the entrance test paper also. At the same time when the CAT and XAT papers are primarily designed to check the decision making capabilities of the management career aspirants under pressure, the FMS paper was designed to test the actual knowledge of the students across various Management Skills like Mathematics, English Language, Data Interpretation and Logical and Analytical Reasoning.

FMS does not believe in giving surprises to the students as this was the continuous seventh year when the FMS had total 175 questions, the sectionwise structure of the test was also not changed from the past few years. Also there was no experimenting done with the total no. of marks and negative marking compared to the last several years.

Comparing with the other management entrance test it had the maximum number of questions i.e., 175 compared to the CAT(90), XAT (104), IIFT(150), JMET(120), to be solved in less time i.e. 120 minutes compared to the CAT (150 min.) and JMET (180 min).

By comparing on the basis of difficulty level of the questions asked the FMS entrance test paper 2009 could be termed as difficult on account of its having questions from Statistics, Physics and Higher Maths in Maths & DI section, Long Passages in RC section, pretty tough wording of the paper and innovative EU questions.

The language of the simple maths questions based on the basics of percentages and profit & loss was composed (like a music) so, beautifully that while reading the question the student feel that he is solving a real world problem and not something from some guide book, and definitely it gives a recall of the Prac CAT # 22 (Mock FMS) with thanks to PT education.

### Bird's Eye View

**Total Number of Questions** – 175

**Total Time** – 120 minutes

**The Marking Scheme** – Four marks for each correct answer with negative marking of one mark for each incorrect answer.

**Total Marks** – 700

**Number of Options** – 4

**Number of sets Available** – 4 (11, 12, 13, 14)

**Sections/Sectional Time Limit** – There were four sections and there was no sectional time constraint.

**Medium of marking** – Pencil

**Sectional Break-up–**

Section	Topics	Number of Questions	Difficulty Level
1	Mathematical Aptitude + Data Interpretation	49	Moderate to Tough
2	Logical and Analytical Reasoning	49	Moderate
3	Reading Comprehension	35	Lengthy
4	English Usage	42	Moderate to Tough
<b>Total</b>		<b>175</b>	

**Remarks** – In FMS brochure it is clearly mentions that a student must get more than 50 percentile scores in each of the four sections to qualify the test and call letters to the students will be issued on the basis of overall percentile score.

**Expected Cut-Offs** – MBA - 260+, MBA (MS) - 250+.

## **Detailed Analysis**

Section	Topic	Areas Tested	No. of Ques.	No. of Marks	Difficulty Level	Ideal Attempts	Time suggested	Ideal Marks (Assuming one mark for each question and 90% accuracy)
I	Mathematical Aptitude and Data Interpretation	Arithmetic, Statistics, Physics, Higher Maths and Data Interpretation	49	196	Moderate to Tough	22+	35 min.	78+
II	Analytical and Logical Reasoning	Data Arrangement, Puzzles, Argumentative Reasoning etc.	49	196	Moderate	25+	35 min.	85+
III	Reading Comprehension	Reading and Comprehensive skills	35	168	Lengthy	14+	30 min.	46+
IV	English Usage	Verbal Ability, Vocabulary, Grammar	42	140	Moderate to Tough	16+	20 min	60 +
	<b>Total</b>		<b>175</b>	<b>700</b>		<b>77+</b>	<b>120 min.</b>	<b>270+</b>

### **Mathematical Aptitude and Data Interpretation** **Total number of questions : 49**

This section can be rated as somewhere between moderate to tough. There were bouncers and perfect Yorkers of Physics, Statistics and Higher Maths questions with some easy deliveries (around 18 questions) in the form of Arithmetic questions. The section was concentrated on the topics like **Physics, Permutation and Combination, Time Speed and Distance, Statistics, Partnership, Limits, Progression, Numbers, SI & CI, Mensuration, Calendar, Logarithm, Matrices, Probability, Trigonometry, Stocks and Shares, Percentages, Profit and Loss, Maxima Minima, Conics** and **Ratio & Proportion**. Some of the quant questions should have been solved using the answer options. There were total 41 question on Maths and 8 questions were on Data Interpretation. Four DI questions were based on a Bar-Line Diagram and other four questions were on table. Both the DI sets were easy and one could have attempted all the eight questions in it. The following table is representing the breakup of the section.

Topic	No. of Quesations	Topic	No. of Quesations
<b>Mathematical Aptitude</b>			
Physics	2	Logarithm	2
P and C	1	Matrices	1
Time, Speed and Distance	1	Probability	2
Statistics	4	Trigonometry	2
Partnership	2	Stocks and Shares	1
Limits	1	Percentages	4
Progression	1	Profit and Loss	1
Numbers	4	Maxima and Minima	3
SI and CI	2	Conics	2
Mensuration	3	Ratio and Proportion	1
Calendar	1		
<b>Data Interpretation</b>			
Bar-Line		4	
Table		4	

**An attempt of 22+ question in a time span of 35 min. with 90% accuracy will be equivalent to best performance.**

## **Analytical and Logical Reasoning**

**Total number of questions : 49**

This section of the paper can be rated as moderate. The questions were on **Input and Output Analysis, Data Arrangement, Strong and Weak Arguments, Cryptoarithmic, Network Diagram, Puzzles, Series, Mathematical Reasoning, Best Support of the statement and finding the true statement.**

There were nine sets of **Data Arrangement** containing **total 25 questions**. Around 18 questions out of the 25 Data Arrangement questions were attemptable. All three Input and Output Analysis Questions and question on cryptoarithmic was easy. From rest of the section one can attempt three/ four questions.

<b>Topic</b>	<b>No. of Questions</b>
Input and Output Analysis	3
Data Arrangement	25
Strong and Weak Arguments	6
Cryptoarithmic	1
Network Diagrams	5
Mathematical Reasoning	2
Best Support of the statement	2
Series	1

## **Reading Comprehension**

**Total number of questions : 35**

The RC section of FMS 2009 will be remembered for its long RC passages. There were **five** long passages of more than **1000-1100** words each containing seven questions. The RC passages were not very difficult to comprehend and the questions were also direct with easy to moderate level of difficulty. Basically the RC section was designed to check the reading speed of the candidate. A candidate with good reading speed could have read two passages in a time span of 30 minutes. The themes and the lengths of the passages are as follows –

<b>Passage</b>	<b>Theme</b>	<b>Length in words</b>	<b>Questions</b>
I	The importance of finance and productive economic base which created revenues for the state	1100 words	7
II	Fear	1125 approx.	7
III	Microbiology	1000 approx.	7
IV	Manhood	1000 approx.	7
V	Started with relationship between competition and innovation and concentrated on IPRs and Innovation	1200 approx.	7

**An attempt of 14 + questions in a time span of 30 minutes would have been sufficient in this section.**

## **English Usage**

**Total number of questions : 42**

The EU section there were questions on odd one out, **Verbal Analogies, Antonyms, Idioms, Proverbs, One Word Substitution, FIBs (4 blanks), FIBs (one blanks), questions based on the statements** given etc. One can solve questions on **One Word Substitution, Identify the noun and adjective, verb, the meaning of the idioms, FIBs (3 blanks), words belonging to the headwords and Antonyms. An attempt of 16 to 18 questions in time span of 20 minutes will be sufficient for this section.**

### **Expected Cut-Offs (In marks)**

**260+ (MBA), 250+ MBA (MS)**

**Best Wishes!**