

# NMAT 2007

December 30, 2007

## Bird's Eye View

<b>Total Number of Questions</b>	:	150
<b>Total Time</b>	:	120 minutes
<b>The Marking Scheme</b>	:	One Mark for each correct answer and – 1/4 mark for wrong answers.
<b>Number of Options</b>	:	5
<b>Number of Sections</b>	:	Three
<b>Sectional Break-up</b>	:	<b>Language Skills</b> – Q. 1 to 40 - Easy to moderate <b>Quantitative Skills, Data Analysis &amp; Sufficiency</b> – Q. 41 to 100 - Easy <b>Intelligence &amp; Logical Reasoning</b> – Q. 101 to 150 - Easy
<b>Overall Difficulty</b>	:	Easy to Moderate
<b>Sectional Breakup</b>	:	The NMAT test pattern was as follows

S No.	Section	No. of Questions	Marks
1	Language Skills	40	40
2	Quantitative Skills, Data Analysis & Sufficiency	60	60
3	Intelligence & Logical Reasoning	50	50
<b>Total</b>		<b>150</b>	<b>150</b>

We are please to present you the detailed analysis of Narsee Monjee Management Aptitude Test (NMAT) held on 30th December 2007. As declared, NMAT had three sections with 150 questions to be solved in 120 minutes.

This year NMAT was easy as compared to last year's paper. NMAT shows the difference in the total number of questions, total time allotted and the number of options but the marking pattern was the same as last year's NMAT. Five answer choices were given for each question. It was declared that one mark will be provided for each correct answer marked and a negative marking of –0.25 for each incorrect answer. A bird's eye view of the test is as follows.

## Section I

### Language skills

The questions in this section were easy to moderate in terms of difficulty level and a combination of Verbal ability, and Reading Comprehension. There were two RC passages, one each from "Contradicting side of mankind" and "Elimination of Violence against women". There were in all 20 questions on RC. VA comprised questions on grammar and fill in the blanks etc. The breakup of questions is as follows

Language Skills		
Area	No. of Questions	Difficulty level
Grammar	10	Moderate
FIB	10	Easy
<b>RC</b>	20	Easy to moderate
<b>Total</b>	<b>40</b>	<b>Easy</b>

We have recalled some of the questions, which are as follows.

#### Identify the grammatical error:

- Q. Newton states that he could not have made his discoveries **his predecessors had not shown** him the right path.
- Q. Many public servants can become **untrustworthy and corruption**.
- Q. Blessed with much intelligence, he **saw very few meanings** in religious rites that are performed as mere rituals.
- Q. His works of art **rank high in the appraisal for** competent critics.

#### Fill in the blank:

The warning against carbon emissions, which is (1) the Earth, just got more urgent. The UN Human Development Report said on Tuesday that (2) the global community agreed to (3) emissions by half by 2050, the world would face huge economic setbacks and also ecological (4) "We are on the (5) of seeing human development (6) for the first time in 30 years," Kevin Watkins, the author of the report was (7) as saying. The report said the poor nations would be hit the (8) as they are the least (9) to face nature's (10), manifest in devastating storms and droughts.

1. (1) warming (2) blackening (3) harassing (4) depriving  
(5) entangling
2. (1) notwithstanding (2) without (3) unless (4) if  
(5) because
3. (1) enhance (2) diminish (3) eradicate (4) cut  
(5) aggravate
4. (1) concerns (2) catastrophes (3) anxieties (4) balances  
(5) atmosphere
5. (1) top (2) extreme (3) enshrinement (4) step  
(5) verge
6. (1) extent (2) reverse (3) annihilation (4) shaping  
(5) nurturing
7. (1) found (2) interrogated (3) defined (4) quoted  
(5) observed
8. (1) hardest (2) least (3) strongest (4) best  
(5) largest
9. (1) willful (2) struggled (3) equipped (4) worried  
(5) engaged
10. (1) blessing (2) deadline (3) encroachment (4) boon  
(5) fury

On an average, students could attempt 25 questions.

## Section II

### Quantitative Skills, Data Analysis & Sufficiency

The second section was 'Quantitative skills, Data Analysis & Sufficiency', which contained 60 questions on Mathematics, Data interpretation and Data Sufficiency. In DI question were on Tables, and Line graph. In mathematics, a lot of questions were on VBODMAS rule that require multiplication, division, square etc. DI requires calculation of percentage, ratio, average etc. The questions were direct and easy to solve. The breakup of questions is given as follows in the coming page

Quantitative Skills, Data Analysis & Sufficiency		
Area	No. of Questions	Difficulty level
<b>Maths</b>		
VBODMAS	20	Easy
Series	5	Easy
Arithmetic	10	Easy
<b>Sub-Total</b>	<b>35</b>	
<b>DI</b>		
Tables	10	Easy
Paragraph	5	Easy
Line Graph	5	Easy
<b>Sub-Total</b>	<b>20</b>	
<b>DS</b>	<b>5</b>	<b>Easy</b>
<b>Total</b>	<b>60</b>	<b>Easy</b>

Some of the questions that we could recall from this section are

- |  |  |
|--|--|
| <p>Q. <math>5389 + 4172 - 3868 - ? = 2456 + 1130</math></p> <p>Q. <math>(25)^2 + \sqrt{?} - (19)^2 = 385</math></p> <p>Q. <math>(23)^{23} \times (23)^{-19} = ?</math></p> <p>Q. <math>(193-87) \div (1.25 \times 2) = ?</math></p> <p>Q. <math>(78.34 + 96.68 - 14.44) \div 4 = ?</math></p> <p>Q. <math>8.496 - 1.384 + 3.462 + 2.801 = ?</math></p> <p>Q. 16 17 37 50 83 133 216</p> <p>Q. 12 11 24 72 280 1395 8376</p> <p>Q. 12 18 26.25 40.5 60.75 91.125 136.6875</p> <p>Q. In a class of 125 students, each student got sweets that are 20% of the total number of students. How many sweets were there?</p> | <p>Q. <math>88.8 + 8.08 + 0.08 + 88.08 + 0.80 + 888 = ?</math></p> <p>Q. <math>(8.83\% \text{ of } 228) - (2.65\% \text{ of } 104) = ?</math></p> <p>Q. <math>22.4\% \text{ of } 668 + 15.75\% \text{ of } 194 = ?</math></p> <p>Q. <math>3870 \div ? = 516</math></p> <p>Q. <math>4\frac{4}{13} \times 9\frac{1}{6} \div \frac{7}{78} = ?</math></p> <p>Q. <math>1728 \div 48 \times 5 + 12 = \sqrt{?}</math></p> <p>Q. 3 7 16 32 57 96 142</p> <p>Q. 202 102 55 36.5 34.25 42.125 57.625</p> |
|--|--|
- Q. If the numerator of a fraction is increased by 500% and the denominator is increased by 300%. The resultant fraction is  $\frac{9}{13}$   
What was the original fraction?
- Q. A sum of money is divided among A, B, C and D in the ratio of 3 : 7 : 11 : 15 respectively. If the share of D is Rs. 3,816/- more than the share of A, then what is the total amount of money of B & C together?

**On an average, students could attempt 40 questions.**

## Section III

### Intelligence & Logical Reasoning

The section contains questions on Coding-decoding, Data arrangement, Circular arrangement, Syllogism etc. The questions in this section were of easy and direct except very few questions which were time consuming.

Intelligence & Logical Reasoning		
Area	No. of Questions	Difficulty level
Coding-Decoding	10	Easy
Input/Output	5	Moderate
Syllogism	5	Easy
Number based	5	Moderate
Data arrangement	10	Easy
Analogy	1	Easy
Fact & Inference	5	Easy
Cause & Effect	5	Moderate
Miscellaneous	4	Moderate
<b>Total</b>	<b>50</b>	<b>Moderate</b>

Some of the questions from this section that we are able to recall are

**DIRECTIONS:** Refer to the following information and answer the questions that follow.

**IF 'A @ B' means 'A is neither smaller than nor equal to B'.**

**'A # B' means 'A is not greater than B'.**

**'A \$ B' means 'A is neither greater than nor equal to B'.**

**'A \* B' means 'A is neither greater than nor smaller than B'.**

**'A % B' means 'A is not smaller than B'.**

**DIRECTIONS:** In each of the following questions assuming the given statements to be true, find out which of the three conclusions I, and II given below them is/are definitely true.

Q. Statements : D @ J, J \* K, K % M, M \$ N

Conclusions : I. D @ M

II. M # J

III. N \* D

Q. Statements : F # R, R \$ T, T \$ V, W % V

Conclusions : I. R \$ W

II. W @ T

III. V @ F

Q. Statements : X @ Y, Y # T, T \$ V, V @ R

Conclusions : I. X @ V

II. X # V

III. V @ Y

Q. In a certain code LOAD is written as 3#%5 and VIDE is written as @\$56. How is DOVE written in that code?

Q. How many such pairs of letters are there in the word DONATIVE; each of which have as many letters between them in the word, as they have in English alphabet ?

(1) None

(2) One

(3) Two

(4) Three

(5) More than three

- Q. If it is possible to make only one meaningful word from the first, the third, the fourth, the seventh and the eighth letters of the word DIAMETRICAL, second letter of that word is your answer. If more than one such word can be formed, your answer is P and if no such word can be formed your answer is N.
- Q. AE : DH in the same way as JN : ?
- Q. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to the group?
- Q. **Statements:** Some bottles are idols. Some idols are temples.  
No temple is room. All rooms are flats.  
**Conclusions:** I. Some temples are flats      II. No idol is room.      III. No temple is flat.
- Q. **Statements :** Some gems are pearls. Some pearls are rings.  
All rings are bangles. All bangles are pendants.  
**Conclusions:** I. Some pearls are bangles.      II. Some pendants are pearls.  
III. No pendant is pearl.
- Q. **Statements :** All cells are batteries. All batteries are curtains.  
Some curtains are clothes. All clothes are shirts.  
**Conclusions :** I. All cells are curtains.      II. Some batteries are shirts.
- Q. **Statements:** Some flowers are buds. All buds are petals.  
No petal is pollen. All pollen is fragrance.  
**Conclusions :** I. No bud is pollen.      II. No flower is fragrance.  
III. No petal is fragrance.      IV. Some curtains are shirts.

**On an average, students could attempt 35 questions.**

**On an average, students could succeed to attempt  
95-105 questions with more than 85% accuracy.  
Therefore the cut-offs for the Narsee Monjee Institute  
of Management Sciences, Mumbai should be 86+.**

**Expected Cut-offs 86+**