

Admission Information Handout for NMAT - T 2010

1 Introduction

This booklet gives information about the Admission Procedure and Admission Test of B. Tech & 5 year Dual Degree Programme of MBA (Tech.) in Engineering stream & B. Pharm. & 5 year MBA (Pharm. Tech.) Dual Degree Programme (B.Pahrm + MBA) of in Pharmacy stream for the academic year commencing from July/August, 2010. Admission for the above mentioned programmes is through NMIMS Management Aptitude Test (Technical) NMAT (T) 2010.

2 Important Instructions

For NMAT (T) 2010, the candidates should decide first, the course he/she is interested and accordingly apply either for Pharmacy or Engineering Programmes.

Engineering Streams

B. Tech.
(4 Years duration)

Dual Degree Programme
MBA (Tech.) (5 Years duration)

Pharmacy Streams

B. Pharm
(4 Years duration)

MBA (Pharm. Tech)
Dual Degree Programme
(B.Pharm + MBA) (5 Years duration)

Only one combined merit list will be prepared and allotment to Programme/Campus will be from out of merit list based on the candidates merit rank & choice.

Changing of branch and campus shall not be permitted under any circumstances after the admission granted to particular branch/campus.

Separate Merit List will be drawn for Engineering & Pharmacy streams.

Please see the important dates and preserve it as a guide. All announcements from the institute will be through its web site : www.nmims.edu and no individual communication will be sent to the candidates.

All disputes under Mumbai jurisdiction only.

3 Eligibility criteria for admission : Please check eligibility criteria before applying for the course.

Engineering Streams :

(i) Programme : Dual Degree Programme MBA (Tech.) & B.Tech

Eligibility Criteria : The candidate must have passed 10+2 exam with science or science vocational with (P.C.M. and English as subjects) and obtained minimum 50% marks in PCM. Those awaiting their 10+2 exam result this year may also apply. *

* **Note** : Candidates who have not cleared the 10+2 exam in the first attempt are NOT eligible to apply for the admission to the courses. Further, those who have passed the 10+2 exam by doing a part-time course or through distance learning/correspondence/externally/open school are not eligible to apply for the courses.

Pharmacy Streams :

(i) Programme : MBA (Pharm. Tech.) Dual Degree Programme (B.pharm + MBA) & B. Pharm

Eligibility Criteria : The candidate must have passed 10 + 2 exam with science or science vocational with Physics, Chemistry, and Maths (PCM) or Physics, Chemistry and Biology (PCB) and English subjects and obtained minimum 50% marks in (PCM/PCB). Those awaiting their 10+2 exam result this year may also apply.

- 3.1 Candidates appearing for their final 10+2 examination can also apply provided they should obtaining the required minimum cut off marks and also producing all the necessary documents, in original, within the given stipulated time.
- 3.2 Those candidates who have passed, or, are appearing for 10+2 examination from a Board/University where Grade Point Average is given, such candidates must produce in writing from the Board/University concerned about the equivalent percentage for the GPA obtained.
- 3.3 It is sole responsibility of the candidates to ascertain whether they possess necessary and requisite qualification for the admission to the courses at NMIMS.
- 3.4 NMIMS reserves the right to alter the terms of eligibility without intimation to the applicants.

4 Admission Schedule :- NMAT (T) (Written Examination)

- 4.1 All those who registered successfully will be called for the test provided they satisfy condition of eligibility. The candidates should check that he/she is eligible as per the conditions regarding qualification stated above.

- 4.1 The NMAT (T) 2010 will be conducted at following centers (Cities).

City

1. Ahmedabad
2. Bangalore
3. Delhi
4. Kolkata
5. Jaipur
6. Mumbai
7. Pune
8. Surat

Once you select the exam center, change of center for writing the NMAT (T) 2010 will not be permitted.

Note : In case adequate number of candidates not registered at any of the center, candidates will be informed to take the exam at nearest center. The institute reserves the right to cancel any venue of examination for any reason and the applicant will have to take the test at any of the other venues available. The institute's decision in this regard will be final.

The venue (School/College) at each centre will be communicated to the candidate in due course of time through the website. You are required to download the exam call letter from our website www.nmims.edu. **No separate call letter will be mailed/posted.**

- 4.2 **Note** : Candidates will be short-listed on the basis of their performances/rank in the NMAT (T) for the subsequent evaluation process i.e. Personal Interview (PI). Short-listed candidates may visit our website for updates.

Note: Personal Interview will be conducted only in Mumbai.

- 4.3 The final merit list will be prepared on the basis of the application data in terms of academic performance, marks obtained in NMAT (T) and Personal Interview. The number in this will depend upon the number of seats to be filled in. The decision of the institute will be final in this regard and no inquiries or correspondence in this regard will be entertained.

Total number of seats:

| | | Mumbai | Shirpur |
|---------------------------|-----------------------------------------------------------------|---------------|----------------|
| Engg. Programme | B. Tech. | | |
| | • Information Technology | 60 | 60 |
| | • Computer Engineering | 120 | 120 |
| | • Electronics Engineering | 60 | - |
| | • Electronics & Telecommunication Engineering | 60 | 120 |
| | • Mechanical Engineering | 60 | 60 |
| | • Civil Engineering | 60 | 60 |
| | TOTAL | 420 | 420 |
| | Dual Degree Programme MBA (Tech.) * | | |
| | • Information Technology | 40 | 30 |
| | • Telecom | 40 | 30 |
| | • Computer | - | 30 |
| | • Chemical | 20 | - |
| | • Mechanical/Manufacturing | 40 | 30 |
| | • Civil | 20 | 30 |
| | TOTAL | 160 | 150 |
| Pharma. Programmes | B. Pharm. | 60 | 60 |
| | MBA (Pharm. Tech.) Dual Degree Programme (B.Pharm + MBA) | 60 | 60 |

(Note : 15% seats are reserved for Management Quota in each discipline out of total intake. The Institute being a Gujarati Linguistic Minority Institution, appropriate provision of seats will be made for the Linguistic Minority subject to other conditions.)

* Specialisation will be allotted at the time of admission based on merit.

- 4.4 If at any stage, it is found that a candidate does not satisfy the eligibility criteria or the information furnished by him/her in the application form is incorrect, his/her application for admission to the course, even if selected, will stand cancelled. Such candidates appearing for the NMAT (T) and subsequent evaluation process will do so at their own risk.
- 4.5 Canvassing in any form for admission will disqualify the candidate.
- 4.6 Regular classes will commence from the date given in the important dates.
- 4.7 All matters of dispute will be subject to the legal jurisdiction of Mumbai only.
- 4.8 Candidates are advised to visit the NMIMS website www.nmims.edu to know the details of various steps of selection process.

Mukesh Patel School of Technology Mgt. & Engineering

Engineering Streams :

(i) Programme : Dual Degree Programme MBA (Tech.) & B.Tech

Selection Process : Students are admitted to the MBA-Tech & B.Tech. Programme if they meet the required standards of the three-stage process described below:

Stage 1 :

All eligible candidates who wish to apply for admission to the MBA-Tech. & B. Tech Programme will be required to appear for a Written Test to be conducted at various locations in India.

Stage 2:

Based on the performance in the written test, candidates will be short listed and called for a Personal Interview at NMIMS Campus, Mumbai

Stage 3 :

Based on the performance of the candidates in Stage 1 and Stage 2 and 12th standard PCM marks, a composite merit list will be drawn as per criteria laid down by the institute. Candidates will be called for counseling session based on the above merit list. In the counseling session candidates will be given admission to various disciplines as per their choice and availability of discipline.

School of Pharmacy & Technology Mgt.

Pharmacy Streams :

(i) Programme : MBA (Pharm. Tech.) Dual Degree Programme (B.Pharm + MBA) & B. Pharm

Selection Process : Students are admitted to the MBA-(Pharm. Tech.) & B. Pharm Programme if they meet the required standards of the three-stage process described below:

Stage 1 :

All eligible candidates who wish to apply for admission to the MBA-(Pharm. Tech.) & B. Pharm Programme will be required to appear for a Written Test to be conducted at various locations in India.

Stage 2:

Based on the performance in the written test, candidates will be short listed and called for a Personal Interview at NMIMS Campus, Mumbai

Stage 3 :

Based on the performance in Stage 1 and Stage 2 and on the candidates 12th standard PCM/PCB marks, a composite merit list will be drawn as per criteria laid down by the institute. Candidates will be called for counseling session and offered admission on the above merit list.

Merit Tie : Determination of merit in case of tie.

If two or more candidates secure equal number of marks in NMAT (T) 2010, their relative merit will be decided as per following order :

- (a) Candidate securing higher marks in the subject of Biology/mathematics in NMAT (T) 2010 as the case may for Pharmacy or Engineering stream respectively.
- (b) Candidate securing higher aggregate marks in HSC.
- (c) Candidate passing the SSC (std. X) examination with higher aggregate marks out of 750.
- (d) Birth date of the candidate (Elder Candidate will be given preference)

6 Structure of the Test -NMAT (T) 2010

The NMAT (T) 2010 for B. Tech. & MBA-Tech. and B. Pharm & MBA-Pharm. Tech. Programmes would be an objective type multiple-choice test. (There will be no descriptive type of questions).

6.1 The NMAT (T) 2010 will comprise of 3 major parts as follows:

| Part | Test | No. of Questions | Time in Minutes |
|------|-------------|------------------|-----------------|
| 1 | Physics | 30 | 55 Min. |
| | Chemistry | 30 | |
| 2 | Mathematics | 40 | 35 Min. |
| 3 | Biology | 40 | 35 Min. |

**For B. Pharm and MBA (Pharm. Tech.) Dual Degree Programme (B.Pharm + MBA.) candidates can opt for either Biology or Mathematics.*

**For B. Tech. and Dual Degree Programme MBA (Tech.) candidates, Mathematics is compulsory.*

6.2 The candidates should note that it is important for them to perform well relative to other candidates in each of the three sections of the test as the score of each section and the overall score are used to short list the candidates for the second round and may also be used for the final ranking as well.

6.3 For every question with the Correct/best answer you will get One Point/Score, and a Zero for every omitted question, and **0.25 point would be deducted for every question with a Wrong answer or more than one answer.** Therefore, in your own interest, if you find a question too difficult or you do not know the answer, you should omit the same and not mark any answer randomly or by simply guessing or mark more than one answer. In case, you can narrow down the correct/best answer to 2 or 3 choices from given ones, you may take the risk and mark the answer. It is improbable to improve your test performance or score more by simply guessing or by random marking; in fact, you may lose. Therefore, avoid answering questions simply by guessing or marking answers randomly.

Call Letter/ Admit Card

On the basis of information indicated in the Application Form, your call letter/admit card for the Admission Test will be available on the website. You are required to download the call letter/admit card from our website www.nmims.edu No candidate, without call letter/admit card or without the photograph on the call letter/admit card will be permitted to appear for the test.

7. How to mark your answer ? Method of showing answers to object type questions.

1. How to show your answer : Each question is followed by answer choices which are numbered 1,2,3,4 and 5. Select the most appropriate among them as answer. Then by using HB pencil blacken the oval bearing the correct answer number against the serial number of the question. For example, if the answer to Question number 2 is answer number 5, it is shown as follows:



2. Please note that the oval should be dark enough and should be filled in as completely as possible. You need not make special efforts to darken any oval artistically.

How to change your answer : If you to change your answer ERASE completely the already darkened oval by using good quality eraser and then blacken the new oval bearing your revised answer number. While changing the answer, erasing the earlier answer completely is extremely essential. If it is not erased completely, smudges will be left on the erased oval as shown below and the question will be read as having two answers and will be ignored for giving any credit.



(Smudge left in oval no. 3 due to bad eraser and the fresh answer in oval no. 5 will be read as two answers 3 & 5 and therefore no credit will be given even if the answer no. 5 happens to be the correct answer.)

7.1 The answer spaces for ALL the questions are on side 2 of the a/s.

7.2 Each question comprises the main part-the stem and five alternative answers or choices numbered (1), (2), (3), (4) & (5). You should read the entire question and the choices, and only then decide which one of the four given answers is the correct or best answer of that question. You should show your answer by darkening the oval with the number of the answer of your choice.

PHYSICS

Q.1 Which of the following gases has maximum r.m.s. speed at a given temperature ?

- (1) Oxygen (2) Nitrogen (3) Carbondioxide
(4) Helium (5) Hydrogen

The correct answer is (5).

Q.2 Which of the following instruments does not make use of an electromagnet?

- (1) Moving coil galvanometer (2) Electric Bell
(3) Generator (4) Electric Motor (5) Telephone
The correct answer is (1).

Q.3. Sound waves having frequencies more than 20,000 Hz are called –

- (1) electromagnetic waves (2) shock waves
(3) infrasonic waves (4) Sonic waves (5) Ultrasonic waves
The correct answer is (5).

CHEMISTRY

Q.4. Which of the following pairs of substances is used for laboratory preparation of hydrochloric acid?

- (1) $KCl + HNO_3$ (2) $NaCl + H_2SO_4$
(3) $NaCl + HNO_3$ (4) $CaCl_2 + H_2SO_4$
(5) $CaCl_2 + HNO_3$
The correct answer is (2).

Q.5. Proteins are the polymers of which of the following types of compounds ?

- (1) Carboxylic acids (2) Fatty acids (3) Amino acids
(4) Mineral acids (5) Alkenes
The correct answer is (3).

Q.6. Bronze is an alloy of which of the following pairs of metal ?

- (1) Cu and Zn (2) Cu and Fe (3) Sn and Zn
(4) Cu and Sn (5) Cu and Al
The correct answer is (4).

MATHS

Q.7. The different between a proper fraction and its reciprocal is $\frac{9}{20}$. Then the fraction is –

- (1) $\frac{5}{4}$ (2) $\frac{3}{10}$ (3) $\frac{4}{5}$ (4) $\frac{29}{20}$
(5) $\frac{12}{15}$
The correct answer is (1).

Q.8. If $a = t \sqrt{3+1} / \sqrt{3-1}$ and $ab = 1$, then what is the value of $a^2 + b^2$?

- (1) 18 (2) 17 (3) 15 (4) 16 (5) 14
The correct answer is (5).

Q.9. A,B,C,D are 4 points, three of which are collinear. How many circles can be drawn through these points, electing 3 points at a time ?

- (1) 3 (2) 4 (3) 1 (4) 5 (5) 2

The correct answer is (2).

BIOLOGY

Q.10. Cryptorchidism is a condition observed in

- (1) brain (2) heart (3) ovary (4) liver
(5) testis

The correct answer is (5).

Q.11. In Chiropterophily, pollination is performed by –

- (1) squirrel (2) birds (3) snails (4) bats
(5) wind

The correct answer is (4).

7.3 If you want to change your answer, erase the first darkened oval COMPLETELY with a good eraser and darken the fresh oval of your revised answer.

7.4 Important points to note :

- (i) Handle the answersheet carefully. Do not spoil it with dust or dirt on the table/ground or crumple it at any time.
- (ii) Do not leave any unintended or stray pencil marks or smudges anywhere on the a/s, particularly in or out of the ovals.
- (iii) Use a good eraser to cancel or to change your first answer, so that it is not read as a particularly darkened oval by the computer.
- (iv) Do not mark or leave two darkened ovals against one question number; otherwise it will be read as question with more than one mark and will be considered as wrongly answered.