

AIMA

ALL INDIA MANAGEMENT ASSOCIATION



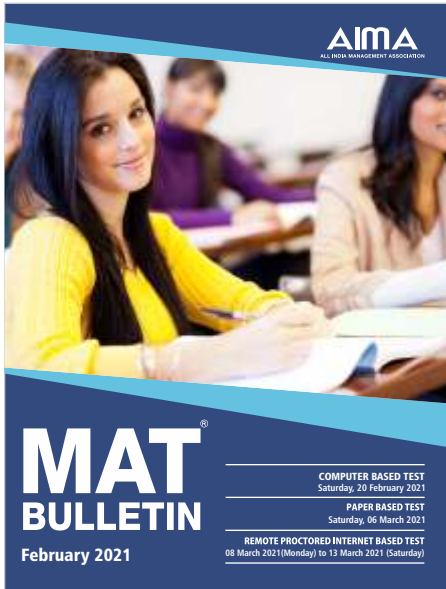
MAT[®] BULLETIN

February 2021

COMPUTER BASED TEST
Saturday, 20 February 2021

PAPER BASED TEST
Saturday, 06 March 2021

REMOTE PROCTORED INTERNET BASED TEST
08 March 2021(Monday) to 13 March 2021 (Saturday)



**February 2021 MAT : Single Test for
Several Programmes of
over 220 Institutes**

Contact Details:
Manager - CMS
All India Management Association
15 Link Road
Lajpat Nagar-3
New Delhi - 110024

Contact: 8130338839, 9599030586, 011-47673020
E-mail : matbt@aima.in
Website : <http://www.aima.in>
Working Hours : 0900 - 1730 hrs (Monday to Friday)

AIMA

ALL INDIA MANAGEMENT ASSOCIATION

All India Management Association Centre for Management Services



All India Management Association (AIMA) was set up in 1957 for the promotion of management profession in the country. It has more than one eighty Local Management Associations including two Cooperating Associations abroad. AIMA is an active member of Asian Association of Management Organisations (AAMO).

AIMA's vision is "To be a Leader in management development movement" and mission is "To facilitate individuals and organizations realise their potential".

Center for Management Services (CMS) is the specialised division of AIMA undertaking testing and other management services. The testing services have been in operation since 1988 under the trademark All India Management Aptitude Testing Services (AIMATS) Facilitating academia, industry and government to screen and select candidates for higher studies, recruitment, promotion, etc. Hundreds of organisations and lakhs of candidates have availed these services. AIMATS has been awarded with ISO 9001:2015 & ISO / IEC 27001:2013 Certification for the range of services under its scope.

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Important Notice

Applicants are advised to check the approval/recognition status of various programs and other details directly from the concerned Authorities/ Institutes/ Universities.

AIMA has come across a couple of cases where the aspiring candidates' MAT score is not accepted by some participating Institutes/Universities for admission to MBA full time course despite their confirmation to AIMA at the time of participation by incorporating their notifications in MAT Bulletin. Candidates are advised to recheck with the concerned Institutes/Universities before applying for MAT.

Disclaimer

The individual institutions will hold sole responsibility of their respective information for authentication or claims arising out there from published in this bulletin. AIMA will have no responsibility of the same what so ever.



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Important Dates for Applying

Computer Based Test

Sr No.	Test Date	Registration Ends
1	20 Feb 2021	14 Feb 2021

Paper Based Test

Sr No.	Test Date	Registration Ends
1	06 March 2021	01 March 2021

Internet Based Test

Sr No	Date	Registration Ends
1	08 March 2021	04 March 2021
2	09 March 2021	05 March 2021
3	10 March 2021	06 March 2021
4	11 March 2021	07 March 2021
5	13 March 2021	09 March 2021

Credentials & Recognitions



QUALITY POLICY



QUALITY COUNCIL OF INDIA CERTIFICATE

NATIONAL AWARDS



GOLDEN PEACOCK NATIONAL QUALITY AWARD 2007



GOLDEN PEACOCK NATIONAL QUALITY AWARD 2007



GOLDEN PEACOCK INNOVATIVE SERVICE AWARD 2011



GOLDEN PEACOCK INNOVATIVE SERVICE AWARD 2011

INTERNATIONAL AWARDS



BIZZ TROPHY



BIZZ INSPIRATIONAL COMPANY



BIZZ MEDAL

TRADEMARKS



AIMATS



MAT



MAT SCORE



Letter From the Director

AIMA

ALL INDIA MANAGEMENT ASSOCIATION

Dear Candidate,

We welcome you to appear in the Management Aptitude Test (MAT) and convey the best wishes for your first deliberate effort towards pursuing a management career.

It is our endeavour at AIMA, being the apex body for the promotion of management profession in the country to identify potential managers for grooming in reputed management institutes so that the future managers can shoulder greater and greater responsibilities in industry, government or academia enabling nation building at faster pace.

The information contained in this bulletin is self-explanatory and hence you are advised to peruse the same in detail. Please follow these instructions meticulously so that the entire process can be completed smoothly.

We provide the entire range of services from test registration to the provision of MAT Score Card within the consolidated fee already paid by you.

AIMA-CMS is an independent testing body. All India Council for Technical Education (AICTE), Ministry of Human Resources Development, Government of India periodically reviews the approval status of the various Post Graduate Programmes in Management. Therefore, we advise you to ascertain the approval status of the programmes you intend to join.

In case you have any query, please feel free to contact us. Disputes if any, pertaining to this test will be settled through an Arbitrator, who shall be appointed by the Director General, AIMA. Further, all legal cases pertaining to this test will be dealt under the jurisdiction of Delhi Courts only.

We do sincerely hope that you will prepare and do well in the test.

With best wishes,

Sanjeev Phatak
Director
Centre for Management Services



Policy Framework

In exercise of the powers conferred by the All India Council for Technical Education Act, 1987 (52 of 1987), AICTE makes regulations fixing norms and guidelines for admission of students to professional colleges. Regulation 8 (4) of AICTE Regulations of 1994 reads: "The admissions to management course shall be on the basis of an entrance test including aptitude test or interview to be conducted by a professional college or for a group of professional colleges as the professional college or the group of professional colleges may determine".

The norms for management education have been prepared by AICTE. These are outcome of intensive discussions held during various seminars organized and subsequently approved by AICTE.

For entry into Post Graduate Programme in Management (PGPM), the Norms and Standards (Revised Edition 1999) prescribes an All India Written Admission Test to assess applicants' aptitude and preparedness as given in Annexure I.

Para 3.1 of Annexure I dealing with Admission Process & Procedure to Post Graduate Programme in Management (PGPM) states: "Written test in general should measure career aptitude, language mastery and business awareness of the applicants."

All India Management Association (AIMA) has been conducting Management Aptitude Test (MAT) since 1988.

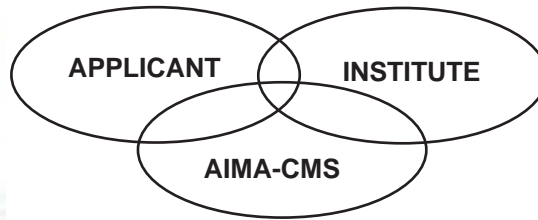
The salient aspects of MAT are:

- Entrance test for recognized programmes.
- Conforming to the norms for aptitude tests.
- Time tested over a decade.
- Validated through independent studies.
- Availed by lakhs of students.
- Accepted by hundreds of institutes & university departments.
- Four times a year suiting both institutes & applicants.
- Employing latest technology for scanning.
- Evaluation & result processing within three weeks.
- Test centres located all over India.
- Additional test component on Indian and Global Environment.
- ISO 9001:2015 Certified
- ISO / IEC 27001:2013 Certified

Judicial Orders enabling continued acceptability of MAT Score

- Hon'ble Supreme Court Order dated 18 February 2013 against Writ Petition (Civil) No(s). 89 of 2011.
- Hon'ble Delhi High Court Order dated 7 October 2013 against Letters Patent Appeal 715 of 2013.

MAT Interface Among Applicant, Institute & AIMA-CMS



APPLICANT

1. To register for MAT.
2. To peruse the notification of selected Institutes in detail and process the requisite application formalities directly with the Institutes.
3. To appear in MAT.
4. To check Roll Number and test centre details from AIMA website.
5. To download the MAT Score from AIMA website.
6. To liaise with the Institutes to complete further admission formalities.

INSTITUTE

1. To provide the admission notification of the Institute in MAT Bulletin with the description of the programmes, contact details, etc which shall be informative to the aspiring applicants.
2. To advise the applicants to appear in MAT in the prospectus, advertisements, etc.
3. To receive the scores and other details of the candidates opted for admission to the Institute.
4. To short-list and advise the candidates as to further admission procedures.
5. To ensure that the results provided by AIMA containing the database of the candidates are used solely for the purpose of facilitating the admission of the candidates to the institute's programme only.

AIMA-CMS

1. To print and upload the MAT Bulletin on AIMA Website.
2. To provide wide coverage about MAT through media advertisements, posters etc.
3. To make Admit Card available on AIMA website.
4. To administer the test at test centres in India.
5. To process the results and upload on AIMA website so that candidates can take the printout of the Score cards.
6. To furnish scores and other particulars to the participating Institutes in respect of those candidates who opt to join the particular Institutes.



Registering for MAT

Candidate has to Register online at website link <https://mat.aima.in> with Credit Card, Debit Card (ATM Card) or Net Banking payment. Detailed procedure is given on the website link.

ADMIT CARD

Admit Cards of the candidates provisionally registered will be accessible on the AIMA website link <https://mat.aima.in>

- For Computer Based Test (CBT) :
16 February 2021
- For Paper Based Test (PBT) :
03 March 2021
- For Internet Based Test (IBT) :
05 March 2021 onwards

Take the following printouts from the above website link.

- Admit Card having the Roll Number and Test Centre Address
- Test Instructions

Report to the allotted test center at least 90 minutes before the scheduled commencement of the test. Produce "MAT Admit Card" duly completed at the test centre for appearing in the test.

Admit Card will be verified and signed by the Invigilator during the test. The Upper Half of the Admit Card will be collected by the Invigilator and the Lower Half will be handed over to the candidate.

Next
MAT[®]
May 2021



TEST ADMINISTRATION

GENERAL INSTRUCTIONS:

Candidates are to report to the allotted test centre at least 90 minutes before the scheduled commencement of the test.

Candidates will be permitted entry in to the test centre upto half an hour before the commencement of the test.

Candidates are to be in possession of the following when reporting to the test centre:
Document: Admit Card duly completed and valid ID Proof. **Writing Materials:** Blue / Black Ball Point Pen.

The test room will be opened about 60 minutes before the commencement of the test. The candidates are to be seated at the allotted place.

Your Admit Card and valid ID Proof will be verified during the test. One part of Admit Card will be given to you as proof of your having appeared in the test. Please ensure that this is duly signed by you and the test invigilator.

The duration of the test is 2 hours 30 minutes. There are 200 questions. All questions are compulsory. Each question has four options marked (1), (2), (3) and (4) or (A), (B), (C) and (D).

All questions carry equal marks. There will be Negative Marking for wrong answers.

It is your responsibility to make certain that you understand and follow the directions for answering. AIMA can accept the responsibility of scanning / capturing your answer accurately only if it is completed in accordance with directions.

Take the questions in order, but do not waste time pondering over those that seem

extremely difficult or unfamiliar to you. A wise practice is to first answer the questions you are sure of. Then, if you complete the test before time is called, go back and reconsider any questions about which you were uncertain.

Although the MAT stresses on accuracy more than speed, it is important to use the allotted time wisely. Make every effort to pace yourself by making yourself familiar with the mechanics of the test.

The directions explain exactly what each set of questions requires to answer those questions. Read all test directions carefully. Read each question carefully and thoroughly. Before answering a question, determine exactly what is being asked.

Calculator, Mobile, Electronic Gadgets etc are not permitted inside the test room.

All the questions and instructions of the test will be in English only.

Candidate will be allowed to leave the test room after the completion of test and only after permitted by the invigilator. If you wish to leave the room during the test, you must have the invigilator's permission. You will not be permitted to make up the time you lose.

AIMA reserves the right to cancel the admission/entry to the test/withhold the results of any candidate who impersonates/ uses unfair means during the test. This is without prejudice to any other action that can be initiated.

Non-adherence to any instruction or failure to comply with any rules governing the conduct of test will lead to cancellation of your candidature.



All disputes pertaining to any aspect of the test will be settled through an arbitrator, who shall be appointed by the Director General, AIMA. Further, all legal cases pertaining to any matter of the test will be dealt with under the jurisdiction of Delhi Courts only.

If the number of candidates registered for Computer Based Test at any city is limited, these candidates will be permitted to appear for the Paper Based Test.

PAPER BASED TEST:

The candidate will be provided a sealed Question Booklet and an OMR Answer Sheet. Do not open the Question Booklet until announced.

Fill the necessary information in the space provided on the cover of the Question Booklet and the Answer Sheet before commencement of the test.

The candidates are to sign the attendance sheet during the test duly endorsing the Question Booklet Series as given on the Question Booklet and other details.

Answers are to be marked on the Answer Sheet, which is provided separately. Sample is given in pages xiv-xviii. Choose the correct option and darken the oval completely corresponding to (1), (2), (3) and (4) against the relevant question number. Use only Blue/ Black Ball Point Pen to darken the oval for answering. Please do not darken more than one oval against any question, as scanner will not read the same correctly.

Once an oval is darkened as answer to the question, it is final. Answer option once darkened cannot be changed. Do not tear or bend or mutilate the Answer Sheet.

Rough work, if any, is to be done on the Question Booklet only. No separate sheet will be provided /used for rough work.

MAT Answer Sheet is scanned by machine and scores are computed. Accuracy in scoring is dependent on the examinees marking their answer sheets properly and the completeness of their erasures when used. Therefore accurate scoring is dependent on your strict adherence to the following points:

- No credit will be given for the answers marked in the question booklets.
- Use Blue/Black Ball Point Pen to complete the answer sheet. Please do not darken more than one oval against any question, as scanner will not read the same.
- Once an oval is darkened as answer to the question, it is final. Answer option once darkened cannot be changed.
- Do not tear, bend or mutilate the answer sheet.
- Be sure that you accurately mark all identification and question booklet series.

At the conclusion of the test you should hand over your Question Booklet and Answer Sheet to the invigilator.

Appropriate civil/criminal proceedings will be initiated against applicant found taking or attempting to take the full or part of the Question Booklet or Answer Sheet outside the test room.

COMPUTER BASED TEST:

Computer Based Test means the candidate sits in front of a computer and the questions are presented on the computer monitor and the candidate submits the answers through the use of keyboard or mouse. Each computer is connected to a server, which prepares the question set and delivers it to the candidate on the computer.

Computer Based Test assumes that the candidate has basic familiarity with use of



computers like use of keyboard and mouse operation. It is the responsibility of the candidate to acquire these skills before appearing in the test and AIMA cannot take responsibility for the same.

In the rare and unlikely event of a technical failure during the test, the candidate may be required to attempt the test again.

The candidates must ensure that the computer allotted to them is switched on and any problem with the computer should be informed to the invigilator immediately.

Details like your Name, Roll No, Form no. etc are to be filled on the space provided on the screen for test appearance.

There is no time limit for individual parts of the test. The candidate can go back and change any of his/her answers among the 200 questions.

All questions will be of the Multiple Choice Question (MCQ) type. Each MCQ will consist of a stem which may be in the form of a question or an incomplete statement and four options. Candidates must choose the correct or most appropriate answer by clicking on the button next to the answer. Candidate can change this answer by clicking on the appropriate answer. Candidates can navigate freely through the questions. Candidate can move between the sections.

At the conclusion of the test you should follow the instruction of the invigilator in order to properly record/save your test work.

Blank sheets for rough work will be provided, if required.

All centers are closely monitored for security and candidates' identity and

activities will be recorded using web cameras and/or closed circuit TV cameras. Anyone violating the rules of the test center will not be allowed to continue with the test and will be automatically disqualified.

REMOTELY PROCTORED INTERNET BASED TEST :

Given the changing structure and dynamics of new World due to Covid 19, social distancing & travel related restrictions are new norms now, need of hour is to adapt to new approach for conducting exams for candidates.

Considering this AIMA has come up with new solution of Remote Proctored Internet Based Test (IBT); through this Test mode candidates can take the test from the convenience and confines of their own home.

The proctoring (invigilation and supervision) will be done remotely from the control room. Remote Proctored Internet Based Test (IBT) allows proctors to monitor candidates from afar and assist in conducting timebound tests/exams with ease and without compromising the integrity of the assessment.

Requirements for taking IBT are computer system (laptop or desktop) with working webcam and mic, Operating System Windows V-7 or above, and internet connection with minimum bandwidth of 512 kbps. The process includes installing software that keeps track of the candidate's test activity using his/her computer screen, utilizing the webcam to watch and record every detail, and harnessing the power of AI to analyze the student's actions during the test/exam.



SIDE 2

SIDE 1

OMR ANSWER SHEET

USE BLUE/BLACK BALL POINT PEN ONLY. TO FILL THIS ANSWER SHEET

PART A

1. NAME (As given in your Admit Card)
2. ROLL NUMBER
3. DATE OF BIRTH
4. TEST DATE
7. TEST CENTRE SEAL

6. INVIGILATOR'S SIGNATURE

I have verified, validated and confirmed the candidate's particulars in this answer sheet. I have also ascertained the candidate's identity by matching with the photo on Attendance Sheet and/or Admit Card.

PART B

8. ROLL NUMBER (As given in your Admit Card)

9. APPLICATION / REGISTRATION No.

10. BOOKLET SERIES

PART C: ANSWERS (Q.Nos. 1-200)

Table with 4 columns: Q. No., ANSWER OPTION, Q. No., ANSWER OPTION. Contains questions 1-40.

Table with 4 columns: Q. No., ANSWER OPTION, Q. No., ANSWER OPTION. Contains questions 41-80.

Table with 4 columns: Q. No., ANSWER OPTION, Q. No., ANSWER OPTION. Contains questions 81-120.

Table with 4 columns: Q. No., ANSWER OPTION, Q. No., ANSWER OPTION. Contains questions 121-160.

Table with 4 columns: Q. No., ANSWER OPTION, Q. No., ANSWER OPTION. Contains questions 161-200.

Important Instructions

- 1. Thoroughly read the instructions given on front and back covers of the Question Booklet before attempting to answer the questions.
2. Every question has four answer options marked (1), (2), (3) and (4).
3. Choose the correct answer option and completely darken the corresponding oval against the relevant question number on this Answer Sheet.
4. For marking the answer, completely darken the chosen oval only as shown in the correct method below:
Correct method: (1) (2) (3) (4)
Incorrect methods: (X) (checkmark) (dot) (circle)
5. Do not darken more than one oval against any question as it will be treated as a wrong answer.
6. Once an oval is darkened as the answer to any question, it is final. It is not permitted to change the answer option by erasing, using correction fluid, marking cross (X) in the oval or any other method whatsoever. Any attempt to change the answer option will lead to cancellation of the candidature.
7. Take due care to ensure that you do not make any stray marks on this Answer Sheet.

PLEASE DO NOT WRITE ANYTHING IN THE BOX

ANSWER SHEET No.



Test Structure and Sample Questions

MAT is an objective type test designed and developed to ascertain the aptitude of the candidates to undergo Post Graduate Programme in Management. Aptitude is the potential of an individual to perform subsequent to proper training. Therefore MAT is designed to identify the potential. It is tested and perfected over a decade.

The MAT has five sections, each section having forty questions. The total 200 questions are to be attempted over 150 minutes. The test structure is given below:

Section No.	Section Name	No of Questions	Time Suggested (Minutes)
I	Language Comprehension	40	30
II	Mathematical Skills	40	40
III	Data Analysis & Sufficiency	40	35
IV	Intelligence & Critical Reasoning	40	30
V	Indian & Global Environment	40	15
Total		200	150

SAMPLE QUESTIONS

A few sample questions are given below for the guidance of the candidates in the preparation. These samples do not necessarily indicate either the types or the difficulty levels of questions that can be in the actual test. In general the preparation standard expected is that of a graduate from an Indian University having completed 10 + 2 + 3 pattern of education. However, the knowledge level required for attempting the section on Mathematical Skills is that of 10th standard under Central Board of Secondary Education.

SECTION I LANGUAGE COMPREHENSION

Directions : Read the passage carefully to answer the questions that follow.

Procrastination is a costly and draining problem for all of us. The easiest way to deal with procrastination is to never let it get started in the first place. Procrastination plagues us all. More plans go astray, more dreams go unfilled, and more time is wasted. It is a major stumbling block for almost everyone seeking to improve his use of time. For many, this becomes an insidious habit that can ruin their careers, destroy their happiness, and even shorten their lives.

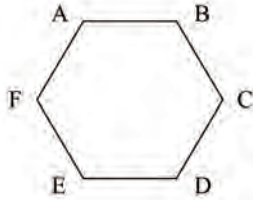
Procrastination is respectful of no one. All of us suffer from it at one time or another. Procrastination is doing low priority actions or tasks rather than higher priority ones. It is straightening your desk when you should be working on the report; watching TV when you should be exercising; calling on the friendly customer who buys very little when you should be preparing a sales presentation for that tough prospect who could buy much more; avoiding a co-worker rather than telling him the bad news; staying away from office to avoid disciplining a subordinate; and postponing activities with your children, because there always seems to be something "more urgent", until suddenly they're grown and you realize it's too late to do any of the things you've always talked about doing together.

- Which of the following best describes 'procrastination'?
(1) linger on (2) stop
(3) delay (4) wait

12. If $x^2 - y^2 = 15$ and $x + y = 3$, then $x - y$ is

- (1) -3 (2) 0
(3) 3 (4) 5

13. The hexagon ABCDEF is regular. That means all its sides are the same length and all its interior angles are the same size. Each side of the hexagon is 2 m. What is the area of the rectangle BCEF?



- (1) 4 m^2 (2) $4\pi^3 - \text{m}^2$
(3) 8 m^2 (4) $4 + 4\pi^3 - \text{m}^2$

14. A worker is digging a ditch. He gets 2 assistants who work $\frac{2}{3}$ as fast as he does. If all 3 work on a ditch they should finish it in what fraction of the time that the worker takes working alone?

- (1) $\frac{3}{7}$ (2) $\frac{1}{2}$
(3) $\frac{3}{4}$ (4) $\frac{4}{3}$

SECTION III
DATA ANALYSIS & SUFFICIENCY

Directions: The table below gives the Human Development Index (HDI). The HDI value is between 0 and 1.

States	Value 1981	Value 1991	Value 2001
Andhra Pradesh	0.298	0.377	0.416
Assam	0.272	0.348	0.386
Bihar	0.237	0.308	0.367
Gujarat	0.360	0.431	0.479

Haryana	0.360	0.443	0.509
Karnataka	0.346	0.412	0.478
Kerala	0.500	0.591	0.638
Madhya Pradesh	0.245	0.328	0.394
Maharashtra	0.363	0.452	0.523
Orissa	0.267	0.345	0.404
Punjab	0.411	0.475	0.537
Rajasthan	0.256	0.347	0.424
Tamil Nadu	0.343	0.466	0.531
Uttar Pradesh	0.255	0.314	0.388
West Bengal	0.305	0.404	0.472
All India	0.302	0.381	0.472

15. Select the incorrect statement.

- (1) Kerala has consistently reported the highest HDI.
(2) Bihar has consistently reported the worst HDI.
(3) Assam has maintained stability in its comparative ranking among states.
(4) Rajasthan has shown an improvement in its comparative ranking among other states.

16. Which states improved the HDI value in 2001 to match the all India value?

- (1) Tamil Nadu (2) Orissa
(3) Rajasthan (4) West Bengal

Directions: The following problem has a question followed by two statements labeled A and B. Use the data given in the statements to decide whether the statements are sufficient to answer the question. Choose your answer as

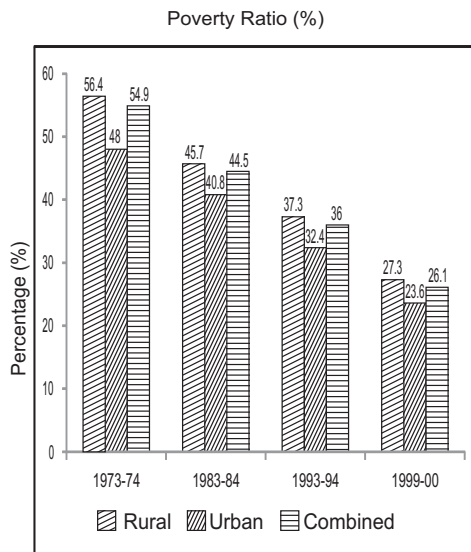
- (1) if statement 'A' alone is sufficient to answer the problem.
(2) if statement 'B' alone is sufficient to answer the problem.
(3) if statements 'A' and 'B' are together needed to answer the problem.
(4) if statements 'A' and 'B' are not sufficient to answer the problem.

17. C is a circle with centre D and radius 2. E is a circle with centre F and radius R. Are there any points which are on both E and C?

A : The distance from D to F is $1 + R$

B : $R = 3$

Directions: The bar graph below pertains to estimates of incidence of poverty in India. It is given as percentage. The accompanying table gives population of India during 1971-2001 as per census.



Population :	1971	1981	1991	2001
All India :	548160	684329	846302	1027015

(In Thousands)

18. The total number of poor in 2000 is approximately

- (1) 268 millions. (2) 278 millions.
(3) 242 millions (4) 300 millions.

19. From the given data it can be inferred that

- (1) rural poverty ratio is constantly declining.
(2) urban poverty ratio has been consistently falling.
(3) combined ratio has been decreasing.
(4) All these.

SECTION IV INTELLIGENCE & CRITICAL REASONING

Directions: The question below is followed by two arguments numbered I and II. You have to decide which of the given arguments is a "strong" argument. Give your answer as

- (1) if only argument I is strong.
(2) if the argument II is strong.
(3) if both I and II are strong.
(4) if neither I nor II is strong.

20. Should telecasting feature films be stopped?

Arguments :

- I Yes, the feature films misguide young children.
II No, this is the only way to educate the masses.

Directions: Find out the correct group of letters from the answer options (1) to (4) to represent the same relationship among the group of letters as established among the sets at the top.

21. AEZ : EIY : IOX :

- (1) UYZ (2) AEX
(3) EIX (4) OUW

22. Isha is older than Sunder. Misa is older than Harbans. Harbans is younger than Gyan. Sunder and Gyan are of the same age. If the above facts are true, which of the following conditions must also be true?

- (1) Misa is older than Gyan.
(2) Misa is older than Isha.
(3) Sunder is younger than Misa.
(4) Isha is older than Harbans.



Directions: There are two statements followed by two possible inferences A and B. Assume the statements to be correct even if they vary with facts. Choose your answer as

- (1) if only inference A follows.
- (2) if only inference B follows.
- (3) if both inferences A and B follow.
- (4) if neither inference A nor B follows.

23. Every minister is a student. Every student is inexperienced.

- A : Every minister is inexperienced.
- B : Some inexperienced are students.

24. Seven men, A, B, C, D, E, F and G are standing in a queue in that order. Each one is wearing a cap of different colour like violet, indigo, blue, green, yellow, orange and red. D is able to see in front of him green and blue, but not violet. E can see violet and yellow, but not red. G can see caps of all colours other than orange. If E is wearing an indigo coloured cap, then the colour of the cap worn by F is

- (1) blue. (2) violet.
- (3) red. (4) orange.

**SECTION V
INDIAN & GLOBAL ENVIRONMENT**

25. What does the acronym CTBT stand for?

- (1) Continued Test Ban Treaty
- (2) Commercial Tax Based Tariff
- (3) Comprehensive Test Ban Treaty
- (4) None of these

26. Which newspaper has the motto – Journalism of Courage?

- (1) The Hindustan Times
- (2) The Washington Post
- (3) The Indian Express
- (4) The Guardian

27. The Indian Railways is one of the largest railway systems with an extensive network of over 63,000 route kilometers. Approximatelyof the network is electrified.

- (1) 50% (2) 25%
- (3) 45 % (4) 60%

28. The National Literacy Mission (NLM) seeks to achieve full literacy i.e. a sustainable threshold level of 75% literacy by year

- (1) 2005 (2) 2010
- (3) 2015 (4) None of these

Answers to Sample Questions

- | | | | |
|---------|---------|---------|---------|
| 1. (1) | 2. (2) | 3. (1) | 4. (1) |
| 5. (1) | 6. (3) | 7. (2) | 8. (2) |
| 9. (1) | 10. (4) | 11. (4) | 12. (4) |
| 13. (1) | 14. (1) | 15. (3) | 16. (4) |
| 17. (1) | 18. (1) | 19. (4) | 20. (4) |
| 21. (4) | 22. (4) | 23. (1) | 24. (3) |
| 25. (3) | 26. (3) | 27. (2) | 28. (1) |

Sample Answer Sheet is given in page xi.

LIST OF PARTICIPATING INSTITUTES/UNIVERSITIES

S.No.	MI Code	Name	City	Notification appears in Pages
NORTHERN REGION				
1	2049	Accurate Institute of Management & Technology	Greater Noida	A10
2	1101	AIMA-Centre for Management Education	New Delhi	A2-A9
3	1121	Apeejay School of Management	New Delhi	A65
4	1111	Asia Pacific Institute of Management	New Delhi	A12-A15
5	2023	Asian Business School	Noida	A11
6	1142	Bharatiya Vidya Bhavan's Usha&lakshmi Mittal Institute of Management	New Delhi	A16-A17
7	2111	Birla Institute of Management Technology	Greater Noida	A18
8	1704	Chitkara University	Rajpura	A20
9	2027	CHRIST (Deemed to be University)	Ghaziabad	A21
10	2003	Dr Gaur Hari Singhanian Institute of Management & Research	Kanpur	A22
11	1112	EMPI Institutions	New Delhi	A23
12	1113	Fortune Institute of International Business	New Delhi	A24
13	1147	FOSTIIMA Business School	New Delhi	A25
14	2038	Galgotias University	Greater Noida	A26
15	1200	GD Goenka University	Gurugram	A27
16	2014	GL Bajaj Institute of Management & Research	Greater Noida	A28
17	2047	Greater Noida Instt of Technology	Greater Noida	A29
18	1126	Guru Nanak Institute of Management	New Delhi	A30
19	2411	Gurukula Kangri Vishwavidyalaya	Haridwar	A31
20	1221	IBMR Business school	Jhajjar	A32
21	2224	IILM Academy of Higher Learning	Lucknow	A33
22	1171	IILM Graduate School of Management	Greater Noida	A34
23	1123	IILM Institute for Higher Education	New Delhi	A35
24	1202	IILM University	Gurgaon	A36
25	2051	Institute of Management Studies	Ghaziabad	A37
26	1120	Institute of Marketing & Management	New Delhi	A38-A41
27	2016	Institute of Technology & Science	Ghaziabad	A42
28	1131	International Institute of Health Management Research	New Delhi	A43
29	1117	Jagan Institute of Management Studies	New Delhi	A44-A45
30	1128	Jagannath International Management School	New Delhi	A52



S.No.	MI Code	Name	City	Notification appears in Pages
31	2025	Jaipuria Institute of Management	Ghaziabad	A46-A47
32	2234	Jaipuria Institute of Management	Lucknow	A48-A49
33	2043	Jaipuria Institute of Management	Noida	A50-A51
34	2054	Jaipuria School of Business	Ghaziabad	A79
35	2079	Jaypee Business School	Noida	A53
36	1210	JK Business School	Gurugram	A54-A55
37	1424	Lovely Professional University	Phagwara	A56-A57
38	2207	Motilal Rastogi School of Management	Lucknow	A64
39	1127	New Delhi Institute of Management	New Delhi	A58-A63
40	2002	NTPC School of Business	Noida	A19
41	1320	OP Jindal Global University	Sonipat	A66-67
42	1302	Rishihood University	Sonipat	A68
43	2219	Shobhit Institute of Engineereing &Technology	Meerut	A69
44	1201	Soil School of Business Design	Gurgaon	A70
45	1118	Sri Sharada Institute of Indian Management Research	New Delhi	A71
46	2044	SRMS International Business School	Lucknow	A72
47	1216	St. Thomas Management Institute	Jhajjar	A73
48	1205	Sushant University	Gurgaon	A74
49	1291	The Northcap University	Gurgaon	A75
50	1170	University of Petroleum & Energy Studies	Dehradun	A76-A77
51	1114	Vivekananda Institute of Professional Studies-Technical Campus	New Delhi	A78
WESTERN REGION				
52	3818	Ahmedabad University	Ahmedabad	B2
53	4144	ASM's Institute of Business Management & Research Group of Institutes	Pune	B3
54	4142	Balaji Institute of International Business	Pune	B4
55	4133	Balaji Institute of Management & Human Resource Development	Pune	B5
56	4135	Balaji Institute of Modern Management	Pune	B6
57	4131	Balaji Institute of Telecom & Management	Pune	B7
58	4134	CHRIST (Deemed to be University)	Pune	B8
59	4167	Dr D Y Patil B School	Pune	B9
60	4163	Dr DY Patil Vidyapeeth Global Business School&Research Centre	Pune	B10-B11
61	3804	Entrepreneurship Development Institute of India	Gandhinagar	B12-B13



S.No.	MI Code	Name	City	Notification appears in Pages
62	4151	Flame University	Pune	B14
63	4122	IIEBM, Indus Business School	Pune	B15
64	3003	IHMR University	Jaipur	B16-B19
65	3022	IILM Academy of Higher Learning	Jaipur	B20
66	4015	Indian Education Society Management College and Research Centre	Mumbai	B49
67	4113	Indira School of Business Studies	Pune	B52
68	4154	Institute for Technology & Management	Mumbai	B21
69	3001	Institute of Rural Management	Jaipur	B22
70	4129	International Institute of Management Studies	Pune	B23
71	4011	ISME School of Management & Entrepreneurship	Mumbai	B24
72	3909	ITM Vocational University	Vadodara	B25
73	4911	ITM University	Raipur	B26
74	3010	Jagan Institute of Management Studies	Jaipur	B27
75	3020	Jagannath University	Jaipur	B28
76	3017	Jaipur National University	Jaipur	B29
77	4512	Jaipuria Institute of Management	Indore	B44-B45
78	3034	Jaipuria Institute of Management	Jaipur	B46-B47
79	3007	JK Lakshmi Pat University	Jaipur	B30
80	4914	Kalinga University	Naya Raipur	B31
81	4104	Kirloskar Institute of Advanced Management Studies	Pune	B32
82	4103	Lexicon Management Institute of Leadership & Excellence	Pune	B50
83	3037	Manipal University, Jaipur	Jaipur	B33
84	4161	MIT World Peace University	Pune	B51
85	3302	Mody University of Science & Technology, School of Business	Laxmangarh	B34
86	3809	Narayana Business School	Ahmedabad	B35
87	4157	Pune Institute of Business Management	Pune	B36
88	4929	Raipur Institute of Technology	Raipur	B37
89	3815	Shanti Business School	Ahmedabad	B38
90	4005	SIES College of Management Studies	Mumbai	B39
91	3820	Silver Oak School of Commerce & Mgmt, Silver Oak University	Ahmedabad	B40
92	3805	St Kabir Institute of Professional Studies	Ahmedabad	B41
93	4138	Suryadatta Institute of Business Management & Technology	Pune	B42



S.No.	MI Code	Name	City	Notification appears in Pages
94	4139	Suryadatta Institute of Management & Mass Communication	Pune	B43
95	4028	Vivekanand Education Society's Institute of Management Studies & Research	Mumbai	B48
SOUTHERN REGION				
96	5658	ABBS School of Management	Bengaluru	C64
97	5686	Acharya Bangalore B-School	Bengaluru	C65
98	5031	Administrative Staff College of India	Hyderabad	C10
99	5604	Alliance University	Bengaluru	C2-C9
100	6411	Amrita School of Business	Coimbatore	C11
101	5717	Bhavan's Priyamvada Birla Institute of Management	Mysore	C12
102	5639	Christ University	Bengaluru	C13-C15
103	6025	Crescent School of Business,	Chennai	C63
104	6804	DC School of Management & Technology	Kottayam	C66
105	6915	DC School of Management & Technology	Thiruvananthapuram	C67
106	5001	Dhruva College of Management	Hyderabad	C17
107	6427	Firebird Instt of Research in Management	Coimbatore	C18-C19
108	5306	GITAM Institute of Management	Visakhapatnam	C73
109	5667	Global Institute of Business Studies	Bengaluru	C20-C21
110	5033	Hyderabad Business School	Hyderabad	C23
111	5017	ICBM School of Business Excellence	Hyderabad	C24
112	5601	IFIM Business School	Bengaluru	C83
113	5636	Indian Institute of Plantation Management	Bengaluru	C16
114	5691	Indus Business Academy	Bengaluru	C25
115	6067	Institute for Technology & Management	Chennai	C26
116	5803	Institute of Business Management & Research	Hubbali	C27
117	5692	Institute of Health Management Research	Bengaluru	C28
118	5003	Institute of Insurance and Risk Management	Hyderabad	C29
119	5019	Institute of Public Enterprise	Hyderabad	C30
120	5687	International School of Management Excellence	Bengaluru	C31
121	5668	ISBR Business School	Bengaluru	C32-C35
122	5039	ITM Business School	Warangal	C38
123	5660	Jain University	Bengaluru	C36-C37
124	6447	Karunya University	Coimbatore	C84
125	6409	KCT Business School	Coimbatore	C39



S.No.	MI Code	Name	City	Notification appears in Pages
126	5721	Kirloskar Institute of Advanced Management Studies	Harihar	C40
127	5662	Krupanidhi School of Management	Bengaluru	C41
128	5676	MATS Institute of Management & Entrepreneurship	Bengaluru	C42
129	5622	MP Birla Institute of Management	Bengaluru	C43
130	5609	MS Ramaiah Institute of Management	Bengaluru	C44
131	5722	MYRA School of Business	Mysore	C70
132	5634	NITTE School of Management	Bengaluru	C45
133	5672	NSB Academy	Bengaluru	C46
134	5621	PES University	Bengaluru	C47
135	5620	Presidency University	Bengaluru	C68-C69
136	6410	PSG Institute of Management	Coimbatore	C48
137	6833	Rajagiri Business School	Kochi	C50-C51
138	6803	Rajagiri College of Social Sciences	Kochi	C49-C50
139	6008	Rajalakshmi School of Business	Chennai	C71
140	5643	Regional College of Management,Bangalore (RCMB)	Bengaluru	C72
141	6203	RL Institute of Management Studies	Madurai	C52
142	5653	RV Institute of Management	Bengaluru	C53
143	5719	Sahyadri College of Engineering & Management	Mangalore	C54
144	6819	Saintgits Institute of Management	Kottayam	C55
145	6801	SCMS Cochin School of Business	Kochi	C75-C80
146	6802	SCMS School of Technology & Management	Kochi	C81-C82
147	6033	SRM School of Mgmt, SRM Institute of Science & Technology	Kattankulathur	C74
148	6065	SSN School of Management	Chennai	C56
149	5756	St Aloysius College	Mangalore	C57
150	5665	St Joseph's Institute of Management	Bengaluru	C58
151	6202	Thiagarajar School of Management	Madurai	C59
152	5016	Vignana Jyothi Institute of Management	Hyderabad	C60-C61
153	5018	Vishwa Vishwani Institute of Systems & Management	Secunderabad	C62
154	5625	Xavier Institute of Management & Entrepreneurship	Bengaluru	C22
EASTERN REGION				
155	7113	ABS Academy of Science, Technology & Management	Durgapur	D2
156	7004	Adamas University	Kolkata	D3



S.No.	MI Code	Name	City	Notification appears in Pages
157	8312	ARKA Jain University	Jamshedpur	D4
158	7512	ASBM University	Bhubaneswar	D5
159	7013	Bharatiya Vidya Bhavan Institute of Management Science	Kolkata	D6
160	7515	Bhavan's Centre for Communication & Management	Bhubaneswar	D7
161	7543	Birla Global University	Bhubaneswar	D8
162	7402	Calcutta Business School	Kolkata	D9
163	8403	Development Management Institute	Patna	D10
164	7103	Dr BC Roy Engineering College	Durgapur	D11
165	7006	EIILM	Kolkata	D12
166	7028	Future Institute of Engineering & Management	Kolkata	D13
167	7002	Globsyn Business School	Kolkata	D14
168	7201	Haldia Institute of Technology	Haldia	D15
169	7506	Hi Tech Institute of Technology	Bhubaneswar	D16
170	7034	Institute of Business Management	Kolkata	D17
171	7010	Institute of Engineering & Management	Kolkata	D18
172	7505	Institute of Management & Information Sciences	Bhubaneswar	D19
173	7041	Institute of Management Study	Kolkata	D20
174	8007	International School of Management Patna	Patna	D21
175	7503	KIIT- School of Management	Bhubaneswar	D22
176	7511	KIIT- School of Rural Management	Bhubaneswar	D33
177	8402	LN Mishra College of Business Management	Muzaffarpur	D23
178	7804	NERIM Group of Institutions	Guwahati	D32
179	8306	Netaji Subhas University	Jamshedpur	D24
180	7042	NSHM Business School	Kolkata	D25
181	7106	NSHM Business School	Durgapur	D26
182	7602	Rourkela Institute of Management Studies	Rourkela	D27
183	7538	Siksha 'O' Anusandhan University	Bhubaneswar	D28
184	7048	Techno India Group	Kolkata	D29
185	7802	Tezpur University, Department of Business Administration	Tezpur	D30
186	7027	Xavier Business School	Kolkata	D31

MAT Score & Its Interpretation

With effect from the MAT held in May 1997, MAT scores are being released to both the Management Institutes (MIs) and the candidates. These guidelines have been prepared to provide information about appropriate use of MAT-Score^R for those who interpret scores and set criteria for admission. The guidelines are based on many policy and test considerations. One of the test considerations, viz. normalization of raw scores before scaling has been started from the MAT held in February 2021.

The purpose of MAT is to provide information on a candidate's Aptitude and Skills to cope up with a Postgraduate Programme. It, therefore, assists in making decision pertaining to admissions to Institutes/ Universities. MAT-Score^R is one of the sources of information and should be used, whenever possible, in combination with other information.

WHAT IS SO SPECIAL ABOUT MAT- Score +

The primary asset of MAT-Score^R is that it provides a common measure, administered under standard conditions, with known reliability and validity for evaluating the academic skills of many individuals.

MAT-Score^R has two important characteristics First, it is a reliable measure of certain developed skills that have been found to be important in the study of management at the graduate level. AIMA conducts studies to check the ability of MAT-Score^R to predict academic success in the first year of study at the post graduate courses. Second, unlike graduation level marks, which vary in their meaning according to the marking standards of each college or university, MAT-Score is based on the same standard for all candidates.

SPECIFIC GUIDELINES

1. All the administrations of MAT closely measure similar abilities. However, each individual test necessarily asks different questions. This may make one MAT test to be slightly more or less difficult than another. These slight differences are accounted for during the normalization and scaling process. As a result of these adjustments, equal scaled scores represent about the same level of ability, as measured by the test, regardless of the administration or when and in how many sessions, the test was conducted.
2. Each score-report contains six scores: Language Comprehension, Mathematical Skills, Data Analysis & Sufficiency, Intelligence & Critical Reasoning, Composite Score, and Indian & Global Environment.
3. In the normalization process, distribution of scores for the overall sessions for a specific subject or total score is used as standard form against which the scores obtained in each of the sessions gets normalized. In the formula used here, $\alpha\%$ top scores are used depending on the number of candidates in different sessions.



Let $[X_{ij} \ i = 1, 2, \dots, m \ j = 1, 2, \dots, n]$ are scores of i^{th} session and j^{th} candidate appearing for test paper in i^{th} session with their mean raw scores M_i and standard deviation S_i , mean score of top $\alpha\%$ candidates as $M_{i,\alpha}$ and $G_i = M_i + S_i$ for all $i = 1, 2, \dots, m$. Let M_0 and S_0 be the Mean and Standard Deviation of raw scores of overall sessions. Let this form be denoted as X_0 . Normalized score of sessions $X_i \ (i = 2, \dots, m)$ corresponding to the score X_{ij} may be shown as \hat{X}_{ij0} with the following identity.

$$\left(\frac{\hat{X}_{ij0} - G_0}{M_{0,\alpha} - G_0} \right) = \left(\frac{X_{ij} - G_i}{M_{i,\alpha} - G_i} \right)$$

$$\hat{X}_{ij0} = (X_{ij} - G_i) \left[\frac{M_{0,\alpha} - G_0}{M_{i,\alpha} - G_i} \right] + G_0$$

4. Language Comprehension, Mathematical Skills, Data analysis & Sufficiency and Intelligence & Critical Reasoning are reported on scales ranging from 0 to 100. Scores below 20 or above 80 are rare.
5. The Composite Score is reported on a scale ranging from 199 to 801, but extreme scores below 200 or above 800 are uncommon. These uncommon scores i.e., all below 200 are reported as 199 and all above 800 are reported as 801.
6. Indian & Global Environment Score, a separate score is reported on a scale from 0 to 100. Again, scores below 20 or above 80 are rare.
7. The composite Score is arrived at using the first four sections of the test only because these sections relate to specific skills that one acquires over a long period of time. Equal weightage is assigned to all these four sections.
8. The score scales for the first four sections and the composite scores are based on the performance of applicants who took the test in 1996. They were defined in a way that a score of about 50 in a section and about 500 on composite scale represent the average performance of that group.
9. For each of the six scores mentioned, a percentile below figure is also given. Each of these indicates the percentage of examinees who scored below the candidate based on the entire MAT testing population for the test. The percentile below figure may change marginally with each administration for the same scores.
10. MAT-Score^R is not to be compared with scores on other tests. MAT-Score^R cannot be derived from scores on other tests. Differences if any among different administrations of MAT are compensated for by the statistical process of score equating. By design, however, MAT is not intended to be parallel to any other tests offered by other testing agencies.

MAT Score to be downloaded only from AIMA website

MAT-SCORE [®] Management Aptitude Test		FORM NUMBER 700001	Test Month & Year February 2021	ROLL NUMBER 699482001					
NAME : BHUWAN CHANDRA ADD : 516-G, SUPERTECH APARTMENT INDIRAPURAM GHAZIABAD - 201010		GENDER : M	DOB : 10/01/84	DEGREE : COMMERCE CATEGORY : GENERAL WORK EXPERIENCE : 70 MONTH					
SCALED SCORES									
Language Comprehension	Percentile Below	Mathematical Skills	Percentile Below	Data Analysis & Sufficiency	Percentile Below	Intelligence & Critical Reasoning	Percentile Below	Composite Score	Percentile Below
56.61	75.41	50.83	63.87	64.43	90.60	71.02	98.72	693.50	92.84
Indian & Global Environment	Percentile Below	SCORE VALID UPTO : February 2021				 SANJEEV PHATAK DIRECTOR			
68.82	94.84	NEW DELHI 24/12/20							

Candidates may produce MAT Score to all those B-Schools accepting MAT Score as an admission input even though their notifications are not appearing in this Bulletin.

However, MAT database is accessible only to those B-Schools; the notifications of which are appearing in this Bulletin.

APPROPRIATE USES OF MAT-Score[®]

1. For selection of applicants for post-graduate courses of study in management.
2. For selection of applicants for financial aid based on academic potential.
3. For counseling and guidance.

INAPPROPRIATE USES OF MAT-Score[®]

1. As a requisite for awarding a degree or diploma.
2. As a requirement for employment, certification for jobs or job-related rewards.
3. As an achievement test.

LIMITATIONS OF MAT-Score[®]

1. It cannot and does not measure all the qualities important for postgraduate study in management.
2. As these types of tests measure skill abilities developed over a period of time, these are not psychometric tests and therefore cannot be used for psychometric purposes. Further, score differences of a certain magnitude are reliable indicators of real difference in performance.

Candidates should view/download the MAT Score from AIMA website www.aima.in after three weeks from the date of test.

Candidates may clarify queries regarding MAT Score, if any, by e-mail from mat@aima.in



Important Dates for MAT[®] February 2021

For registration, complete test schedule, admit cards, results and updates log on to: <https://mat.aima.in>

Important Dates		
Computer Based Test		
Test Date	Registration Ends	Availability of Admit Card
20 February 2021	14 February 2021	16 February 2021
Paper Based Test		
Test Date	Registration Ends	Availability of Admit Card
06 March 2021	01 March 2021	03 March 2021
Internet Based Test		
Test Date	Registration Ends	Availability of Admit Card
08 March 2021	04 March 2021	05 March 2021
09 March 2021	05 March 2021	06 March 2021
10 March 2021	06 March 2021	07 March 2021
11 March 2021	07 March 2021	08 March 2021
13 March 2021	09 March 2021	10 March 2021

❖ Availability of MAT Score on AIMA Website : 19 March 2021 (Friday)

MAT[®] Fee

Register online at website link: <https://mat.aima.in/> with Credit Card/Debit Card (ATM Card), Net Banking, UPI. The fees details are given below:

For Internet Based Test (IBT) or Paper Based Test (PBT) or Computer Based Test (CBT)	₹1650/-	For IBT + IBT (Different dates) or PBT+IBT or CBT+IBT or PBT+CBT	₹2750/-
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Important Notice

The pricing and test schedule given on this page of MAT Bulletin is final. Any other information pertaining to the same, given by various participating Institutes/Universities in their notifications may therefore be treated as amended. Applicants are advised to check the approval/recognition status of various programmes and other details directly from the concerned Authorities/Institutes/Universities.

Forthcoming MAT[®] Schedule*

MONTH OF TEST	MODE OF TEST	REGISTRATION COMMENCEMENT	LAST DATE FOR REGISTRATION	DATE OF RESULT
May 2021	Internet Based Test - Multiple Days & Slots	22 March 2021 (Wednesday)	08 May 2021 (Saturday)	31 May 2021 (Friday)
	Paper Based Test - 02 May 2021 Computer Based Test - 16 May 2021			

* Tentative. AIMA reserves the right to change the test date or not to run a particular administration of MAT.
* Subject to prevailing COVID situation

This Bulletin is valid for February 2021 Management Aptitude Test only.