

MAT - the Miller Analogies Test

General Information

The Miller Analogies Test (MAT) is a 120 question, 60 minute (formerly 100 question, 50 minute) standardized test used primarily for graduate school admissions in the USA. It was created and is published by Harcourt Assessment. The MAT is accepted by over 2,300 graduate school programs as a part of their admissions process.

Description of the Test

The test items use different types of analogies to sample a variety of fields, such as mathematics, natural science, social science, literature, and fine arts. Examinees are given 50 minutes to complete the test. The MAT is offered at more than 600 test centers throughout the United States and Canada. For examinee convenience, the test is given on an "as needed" basis at most test centers.

The exam aims to measure an individual's logical and analytical reasoning through the use of partial analogies. An example test question might be:

Bach : Composing :: Monet :

- a. painting
- b. composing
- c. writing
- d. orating

This should be read as "Bach is to (:) Composing as (::) Monet is to (:) _____." The answer would be a. painting because just as Bach is most known for composing music, Monet is most known for his painting. More example questions may be found [here](#).

Scoring

Out of the 120 questions, only 100 are scored for a raw score. The remaining 20 questions are experimental. As a test-taker there is no way of knowing which questions will count toward the raw score and which questions are experimental. As of the fall of 2004, the exam became computerized; test-takers can now opt to take it as a Computer-Based Test (CBT), although the pen-and-paper exam still exists.

Unlike analogies found on the GRE and the SAT, the MAT's analogies demand a broad knowledge of

Western culture, testing subjects such as science, music, literature, philosophy, mathematics, art, and history. Thus, exemplary success on the MAT requires more than a nuanced and cultivated vocabulary.

Tests taken before October 2004 were scored simply by the number of questions the test-taker answered correctly with a range from 0-100. Scores using this metric have historically been known as "raw" scores. Tests taken in October 2004 or later have a score range from 200 to 600, with 400 as the median. These scores are known as "scaled" scores. As of 2006 a scaled score of 421 was in the 81st percentile and as of 2007 a scaled score of 454 was in the 98th percentile. As of March 2007, a scaled score of 463 was in the 99th percentile.

Test Fee and Registration

Test Fee

You pay the fee for taking the MAT directly to the same Controlled Testing Center (CTC) where you apply to take the MAT. The MAT Test Fee varies from CTC to CTC. When you apply to take the MAT, the CTC will tell you what its Test Fee is and how to pay it. This Test Fee covers one personal Score Report that will be mailed to you, and up to three Official Transcripts that will be sent to schools you specify when you take the MAT. (See Scoring and Score Reporting, for a full explanation of score reporting.)

Optional Fees

Any additional services that you would like beyond the personal Score Report and the three Official Transcripts are optional and require additional fees. You must pay any additional fees directly to Harcourt Assessment. Payment must be in the form of a money order payable to Harcourt Assessment, Inc. If you are paying from outside the United States, you must submit an international money order payable in U.S. dollars. If personal checks or cash are sent as payment for fees, your request will not be processed.

The following fees are required for additional services:

- Domestic Alternative Testing Site Fee—\$149.00
- Foreign Alternative Testing Site Fee—\$149.00 plus additional fee for a specific site (See Requesting an Alternative Testing Site.)
- Replacement Retest Admission Ticket Fee—\$25.00 (See Applying to Retake the MAT.)
- Transcript Fee—\$25.00 per transcript (See Requesting Additional Personal Score Reports and Official Transcripts.)
- Score Verification Fee—\$35.00 (See Verifying Your Score.)
- Online Practice Test Fee—\$23.99 (See Sample Items.)

Send additional fee payments to Harcourt Assessment, Inc. at one of the following addresses:

By regular mail:

Harcourt Assessment, Inc.

Miller Analogies Test
P.O. Box 7247-6707
Philadelphia, PA 19170-6707

By overnight courier service:
Harcourt Assessment, Inc.
c/o CitiBank Delaware
Team 2
Lock Box 6707, OPS3
1615 Brett Road
New Castle, DE 19720

Applying to a Controlled Testing Center

To take the MAT at your choice of one of the more than 500 Controlled Testing Centers (CTCs) in the United States, Canada, or overseas, apply directly to the Controlled Testing Centers. The locations and phone numbers of all the current CTCs are listed in [MAT Controlled Testing Centers](#).

Once you determine where you wish to take the MAT, contact the CTC directly for instructions concerning how to apply to take the MAT and about its fee requirement. If you are unable to reach a CTC at the number listed on the MAT website, please contact directory assistance for the phone number of the institution where the CTC is located. There are no nationally scheduled test administrations for the MAT. Each CTC determines its own test schedule. When you contact a CTC, you will be told if there are any special procedures that you must follow in addition to those described in the Candidate Information Booklet.

Testing Centers (Note: the only center in Asia is in Japan)

Minatoa-Ku Temple University Japan 355-419-8000 Tokyo , Japan

Requesting an Alternative Testing Site

If you live more than 100 miles from a CTC, you may request to take the MAT at an Alternative Testing Site by writing to Harcourt Assessment. If your request is approved, it is your responsibility to locate a test site and make arrangements, including finding a Special Proctor, for the MAT to be administered to you.

A MAT Special Proctor for an Alternative Testing Site must have at least a master's degree, but preferably a doctorate, and experience administering a standardized test. This could be a private individual or a person who holds one of the following positions:

- A faculty member or administrator at a university, college, or school
- A U.S. Embassy administrator or consulate
- A Dantes TCO

After making arrangements with a Special Proctor, you must again write to Harcourt Assessment to explain the arrangements you have made and to pay the Alternative Testing Site Fee (see Optional Fees). In this letter to Harcourt Assessment, you must provide the following information:

- Your name, address, and Social Security number (American) or Social Insurance number (Canadian)
- Your daytime telephone number and email address
- The name and address of the MAT Special Proctor with whom you have made arrangements
- The tentative test date that you and your Special Proctor have agreed upon
- A money order (if writing from within the United States) or international money order (if writing from outside the United States) for the Alternative Testing Site Fee made payable in U.S. dollars to Harcourt Assessment, Inc. and displaying your name

The Alternative Testing Site Fee is nonrefundable. If personal checks or cash are sent as payment for fees, your request and your fees will be returned to you without processing your request. The Special Proctor with whom you arrange to take the MAT must also notify Harcourt Assessment in a letter that states the following:

- An agreement to administer the MAT to you (by name)
- A brief resume stating the Special Proctor's educational background and any standardized tests the Proctor has administered
- A street address to which the testing materials can be sent
- A telephone number, email address, and fax number (if available) where the Special Proctor can be reached in case Harcourt Assessment has questions regarding the information provided
- The tentative date on which the test is to be administered

Only after Harcourt Assessment has received the letters from you (with the Alternative Testing Site Fee payment) and from the Special Proctor will the testing materials be mailed to the Special Proctor. Because the time it takes for the testing materials to be shipped and received may vary, you should stay in touch with the Special Proctor so you can take the MAT as soon as possible after he or she receives these materials. The Special Proctor is only allowed to keep the testing materials for a limited time before returning them to Harcourt Assessment. Alternative Testing Sites ordinarily charge an additional fee to cover shipping and other expenses involved in administering the MAT. This fee is paid directly to your Special Proctor and is in addition to the Alternative Testing Site Fee that you pay to Harcourt Assessment.

How to Prepare

The best way to prepare for the exam is to find out information about the exam such as:

- Ask the test center if they have any preparation materials, like books or CDs you can borrow.
- Find out what the the sections on the exam are?
- What is the style of the exam: essay, multiple choice, short answer, true/false, etc?
- How long is the exam?
- Take a preparation course before the exam
- Take practice exams
- Look for information on their website

More Information

Harcourt Assessment, Inc.

Miller Analogies Test

PSE Customer Relations—MAT

19500 Bulverde Road

San Antonio, Texas 78259

Telephone: 1-800-622-3231 or 210-339-8710

Fax: 1-888-211-8276 or 210-339-8711

Email: MATscoring.services@harcourt.com

Monday–Friday, 8:30 a.m.–5:00 p.m. Central Standard Time