

DENTAL ADMISSION TEST (DAT) 2010 PROGRAM GUIDE

ADA American Dental Association®

America's leading advocate for oral health

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Read this *Guide* before submitting an application to test.

At the time of application, you will be required to acknowledge that you have read and understand this *Guide* and the policies and procedures contained within.

Print this *Guide* for your records.

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OVERVIEW

About this *Guide* and DAT Policies

This document is the official guide to policies for the Dental Admission Test (DAT) Program. It provides fundamental information about application and testing procedures as well as examination content and scoring.

You are required to read this document before you apply to take the test. At the time of application, you will be required to confirm that you have read this document and that you understand and agree to the policies and procedures contained in it. Changes in the DAT Program may occur after publication of this *Guide*. If changes occur, they will be posted at the Web site [Hwww.ADA.org](http://www.ADA.org). You must become familiar with and will be subject to the most current policies and procedures in effect at the time you test.

About the DAT

The DAT is conducted by the American Dental Association (ADA) and has been in operation on a national basis since 1950. The DAT is administered throughout the year at test centers operated by Prometric Inc. (Prometric Test Centers). The testing program is designed to measure general academic ability, comprehension of scientific information, and perceptual ability. While all dental schools require examinees to participate in the DAT Program, test results are only one factor considered in evaluating the admission potential of an examinee. Validity studies conducted by the testing program have shown that test scores in conjunction with collegiate records are useful in predicting performance. The relative importance of these predictors in the admission process is determined by the dental school.

Information for Dental School Applicants

The usual pre-professional education requirement for admission to dental school stipulates at least two academic years of liberal arts study; however, many dental schools in the United States require three or more years of college. Applicants should be aware that 90% of the most recent first-year dental class completed four years of pre-professional education, and 82% of the first-year dental class received a baccalaureate degree prior to dental school enrollment.

There are certain basic pre-dental education courses that must be completed prior to enrollment in dental school. Because dental schools vary with regard to the required pre-dental education courses, applicants should contact the appropriate schools to determine specific admission requirements.

ETHICAL CONDUCT

Ethical Conduct in Applying to Dental Education Programs

This statement of ethical conduct relates to all individuals seeking admission to pre-doctoral dental education programs. The beginning of the application process is the time to understand

and begin to abide by the principles set forth in this document relating to the ethical obligations of dentists.

The ADA and the American Dental Education Association (ADEA) have developed this statement in collaboration, as both organizations play roles in the admissions process. The ADA sponsors the DAT and ADEA sponsors the Associated American Dental Schools Application Service (AADSAS). AADSAS is a centralized pre-doctoral application service in which the U.S. and Canadian dental schools participate.

The American Dental Association Principles of Ethics and Code of Professional Conduct states:

The dental profession holds a special position of trust within society. As a consequence, society affords the profession certain privileges that are not available to members of the public-at-large. In return, the profession makes a commitment to society that its members will adhere to high ethical standards of conduct. These standards are embodied in the ADA Principles of Ethics and Code of Professional Conduct (ADA Code). The ADA Code is, in effect, a written expression of the obligations arising from the implied contract between the dental profession and society.

Members of the dental profession voluntarily abide by the ADA Code in the interest of protecting patients and maintaining the trust of society as a whole. Submission of an application to a dental education program is the first step in the process of becoming a member of the dental profession. With the application comes the obligation to uphold the highest level of honesty and ethical behavior. An applicant is held to the same high standards for truth, full disclosure, and accuracy in the application process to which a member of the dental profession is expected to aspire in their capacity as a member of the profession. Applicants to pre-doctoral dental educational programs are expected to understand and comply with the standards expressed in this statement in their applications for admission to dental school and their applications to take the DAT.

Behavior that results in misconduct or irregularity in the dental education program admissions process is a very serious matter. An applicant who acts unethically risks being denied admission to dental education programs. Moreover, such unethical actions, if disclosed after enrollment in a program or at the beginning of dental practice, can result in more serious outcomes. It is important that applicants understand the significance of exhibiting professional behavior throughout their careers, starting with the application process.

ADA and ADEA expect strong ethical behavior in all persons who are and who aspire to become members of the profession of dentistry. Applicants may contact both associations for more information about their policies and procedures applicable to misconduct and irregularities in the dental school admissions process.

ELIGIBILITY REQUIREMENTS

The ADA does not discriminate based on race/ethnicity, religion, gender, age, disability, sexual orientation, or marital status.

Requirements for Participation

Successful participation in the DAT Program requires completion of at least one year of collegiate education, which should include courses in biology, and general and organic chemistry. Advanced level biology and physics are not required. Applicants should note that test scores are developed in relation to all examinees participating in the test and that most applicants complete two or more years of college before taking the test. Applicants to dental school should participate in the DAT Program well in advance of intended dental school enrollment. Examinees applying to Canadian dental schools should discuss the acceptance of the DAT by those schools prior to registering for the test.

Additional Eligibility Requirement

Examinees who have attended three or more tests must apply for permission to retest. For test administration purposes, an examinee is considered as having *attended* a test each time the examinee is seated at a computer workstation at a Prometric Test Center and starts the test by electronically agreeing to the confidentiality statement.

Requests for additional testing must be submitted in writing to the Department of Testing Services (DTS) and must include evidence of current (within the previous 18 months) intent to apply to dental school. Acceptable forms of evidence include (you need submit only one of the following):

- A copy of a completed and submitted AADSAS application.
- A letter of rejection from a dental school.
- A letter on school stationery/letterhead from a dental school admissions officer encouraging you to retest or reapply.
- A letter on school stationery/letterhead from a college/university health profession advisor/instructor verifying that you are applying to dental school.

Upon approval, you will be permitted to retake the DAT once per twelve-month period. The results of the four most recent DATs taken, as well as the total number of DATs taken, are released on the official scores and forwarded to dental schools.

Retesting

Examinees are required to submit a new application and fee for each retest. An examinee must wait at least 90 days to retake the DAT. You may submit a new application to retest and upon receipt of notification of eligibility for retesting, you may visit www.Prometric.com or call the Prometric Contact Center at 800.688.5804 to schedule a retest appointment at least 90 days from your last attempt.

Partial Testing

Partial tests are not permitted. Examinees are required to take all four tests of the DAT. A score of one is reported for any assigned test not taken. Examinees unable to complete the test must submit a new application and fee before participating in any subsequent testing.

TESTING ACCOMMODATIONS

The DTS provides reasonable and appropriate accommodations in accordance with the Americans with Disabilities Act for individuals with documented disabilities who demonstrate a need for accommodation.

The Americans with Disabilities Act defines a person with a disability as an individual with a physical or mental impairment that substantially limits one or more major life activities. Problems such as English as a second language, slow reading without an identified underlying cognitive deficit, or failure to achieve a desired outcome are not learning disabilities and are not covered by the Americans with Disabilities Act.

Testing accommodations may be provided to an examinee with a qualified disability to offer equal access to testing. Once approved for testing accommodations all subsequent testing for the DAT will be approved for testing accommodations. Examinees must request testing accommodations with each application, but will not be required to submit additional documentation.

Request for Testing Accommodations and Appropriate Documentation

The following information will assist you in submitting the appropriate documentation to support the testing accommodation request. The documentation will validate that the individual qualifies for accommodations under the Americans with Disabilities Act.

To verify the disability and its severity, the DTS requires a complete evaluation of the examinee as well as the completed and signed Testing Accommodation Request form. A licensed professional appropriately qualified for evaluating the disability must conduct the evaluation.

If you have a documented disability recognized under the Americans with Disabilities Act and require testing accommodations, you must:

1. Notify the DAT Program that you are requesting testing accommodations at the time you submit your DAT application and prior to scheduling a testing appointment. You must submit an application to test **and** the testing accommodation request form **and** the supporting documentation. The process is not complete until you have submitted all three components. You will schedule a testing appointment after your testing accommodation request has been approved. Testing accommodations cannot be added to a previously scheduled testing appointment. If you schedule a testing appointment before the approval of testing accommodations, you will be required to reschedule the appointment and pay a reschedule fee.
2. Submit the Testing Accommodation Request Form (found at www.ADA.org) signed, and dated, describing the disability and the need for accommodations. Accommodations should align with the identified functional limitation so that the adjustment to the testing procedure is applicable to the identified impairment. A functional limitation is defined as the behavioral manifestation of the disability that impedes the individual's ability to function.
3. Submit a current evaluation report (within the past five years) from the appropriate licensed professional. The document should include the professional's credentials,

address, and telephone number. The report must indicate the examinee's name, date of birth, and date of evaluation. The report should include:

- a. The specific diagnostic procedures or tests administered. Diagnostic methods used should be appropriate to the disability and in alignment with current professional protocol.
 - b. The results of the diagnostic procedures and/or tests and a comprehensive interpretation of the results.
 - c. The specific diagnosis of the disability, with an accompanying description of the examinee's limitations due to the disability.
 - d. A summary of the complete evaluation with recommendations for the specific accommodations and how they will reduce the impact of identified functional limitation.
4. Submit documentation of any previous accommodations provided by educational institutions or other testing agencies. If no prior accommodations were provided, the licensed professional should include a detailed explanation as to why no accommodations were given in the past and why accommodations are needed now.

Unacceptable Forms of Documentation for Requests for Accommodations

Please do not submit the following documents. The DTS will not accept them.

1. Handwritten letters from licensed professionals
2. Handwritten patient records or notes from patient charts
3. Diagnoses on prescription pads
4. Self-evaluations found on the Internet or in any print publication
5. Research articles
6. Original evaluation/diagnostic documents; submit copies of the original documents.
7. Previous correspondence from DTS; DTS maintains copies of all correspondence.
8. Correspondence from educational institutions or testing agencies not directly addressed to DTS.

TESTING APPLICATION AND APPOINTMENT INFORMATION

Test Centers

The DAT is administered by Prometric, Inc. at Prometric Test Centers in the United States, its territories including Guam, Puerto Rico, and the Virgin Islands. If your application is approved you will receive an e-mail (or letter if no e-mail address is on file) informing you to visit www.prometric.com or call the Prometric Contact Center at 800.688.5804 to schedule a testing appointment. The Prometric Contact Center will schedule you for testing at one of the Prometric Test Centers. However, the Prometric Contact Center will not schedule an examinee before receiving authorization from the DTS. A list of test centers can be found at www.prometric.com. Individual local test centers cannot schedule, reschedule, or cancel appointments.

Testing Schedule

The following table indicates the time allocation for the DAT. You will have a total of 4 hours and 15 minutes (or five hours including the tutorial, break, and survey) to complete the four tests in the DAT. If an examinee chooses to take the optional break, the testing session will resume automatically after 15 minutes have elapsed.

Dental Admission Test	
Optional Tutorial	15 minutes
Survey of Natural Sciences	90 minutes
Perceptual Ability Test	60 minutes
Optional Break	15 minutes
Reading Comprehension Test	60 minutes
Quantitative Reasoning Test	45 minutes
Optional Post Test Survey	15 minutes

The optional break after the first two tests is the only “scheduled” break. If you take a break at any other time, it will be considered an “unscheduled” break. Please carefully review the rules related to “unscheduled breaks”.

Obtain a DENTPIN® and Apply to Test

Before you can apply to take the DAT or apply for admission to a dental school, you must obtain a DENTPIN®.

The DENTPIN® is a unique personal identifier for applicants and students involved with the U.S. dental education system and standardized testing programs. The DAT, ADEA AADSAS and TMDSAS, plus ADEA PASS, ADEA CAAPID and the National Board Dental and Dental Hygiene Examination programs all use the DENTPIN® for identification of students and test-takers and for the confidential, secure reporting, transmission and tracking of test scores and academic data. You must obtain or retrieve a DENTPIN® from <http://www.ada.org/prof/ed/testing/dentpin/index.asp> before proceeding with your application.

You may submit an electronic application at www.ADA.org using a credit card. A new application must be submitted each time you wish to be tested.

If you prefer a paper application, you may request the form by submitting a written request to the DTS via U. S. mail to DTS, 211 East Chicago Avenue, Suite 600, Chicago, Illinois 60611-2637, or by facsimile to 312.587.4105. Paper applications must be paid by money order. ADA or American Student Dental Association (ASDA) members may pay by personal check, but your membership number must be recorded on the check. Applications are processed daily (Monday through Friday except federal holidays).

If your application and fee are approved and you meet the eligibility requirements for testing, your application will be processed. After your application is processed, DTS will forward your eligibility to Prometric, and you will receive instructions by e-mail (or letter if no e-mail address is on file) to visit www.prometric.com or call the Prometric Contact Center at 800.688.5804 to schedule a testing appointment.

An application may be submitted no more than 12 months before the test date. Any application that does not meet the eligibility requirements will be returned. The examinee is eligible for a 12-month period. If you do not schedule a testing appointment and take the DAT during this period, you will have to resubmit an application and fee in order to take the test later. The eligibility period will not be extended.

All information requested on the application must be accurately provided. You must use your legal name. *The name on your ID must match exactly with the name on your DAT application.* If the name on your DAT application and your IDs do not match exactly, you will be denied admission to testing and, as a result, forfeit your scheduled testing appointment and your application fee. You will be required to submit a new application and fee.

Changes and corrections to your application must be completed at least two weeks prior to your scheduled testing appointment. You are responsible for identifying any corrections or omissions and must notify the DTS in writing via U.S. mail or facsimile at 312.587.4105 of any corrections or omissions.

Several times during the application and testing process, you will be required to identify yourself. You are required to identify yourself accurately by name and Social Security Number or Social Insurance Number and DENTPIN®. Other components of personal identification, such as postal address, year of birth, etc., are also expected to be provided accurately. Additional information on test center identification policies and procedures is provided below. If it is determined that you have provided a false name or deliberately provided a false Social Security Number or personal data on the test application, or at the test center, your scores will be voided, all dental schools will be notified, and you may have to wait two years to retake the test.

Privacy and Security

The ADA is concerned with maintaining the privacy and security of all personal information for test-takers. We take the responsibility for protecting your personal information very seriously and use industry standard methods to secure and protect your confidential information.

The DAT program collects and retains personal information only to the extent necessary to serve your needs, and administer the DAT; fulfill DAT program responsibilities, including maintaining the integrity of the test and detecting and preventing unlawful activity; and fulfill legal requirements. DAT scores are retained indefinitely, along with testing records and necessary personal data.

DAT scores are released and/or reported to education programs or other entities only on your written authorization or designation by electronic means through the online application or score report request form. Scores will not be reported to you or others by telephone, in person or by other informal means.

The DAT Program may use test data for research purposes and to enhance the testing program. In such instances, the data are confidential and individual examinees will not be identified. That research is reviewed by an institutional review board to ensure protection of your interests.

ADA uses data security procedures to protect the integrity of personal and test information at all times. Security safeguards include administrative, technical, and physical safeguards over data

and data processing systems. For information on our policy relating to your use of the ADA.org Web site, please refer to the *Privacy Policy* available on www.ADA.org.

By registering for the test, you consent to the collection, processing, use and transmission of your personal information for purposes related to the DAT Program as outlined in this *Guide*.

Schedule a Testing Appointment

After the application and fee payment are processed, the Prometric Contact Center will receive notification of your eligibility for DAT testing. Upon receipt of the completed application and fee, an e-mail (or letter if no e-mail address is on file) will be sent to you with instructions to call 800.688.5804 or visit www.prometric.com to schedule the day, time, and Prometric Test Center to take the DAT or view a list of Prometric Test Centers.

Confirm a Testing Appointment

You can confirm your testing appointment by calling the Prometric Call Center at 800.688.5804 or visiting www.prometric.com. You should confirm the details of your testing appointment by calling 800.688.5804 or by visiting www.prometric.com; print the confirmation page for your records. It is important that you confirm your testing appointment no later than noon Eastern Time, two business days prior to your appointment. If you find any discrepancies, you must call the Prometric Contact Center immediately. You can confirm your appointment as often as you like.

Cancel or Reschedule a Testing Appointment

Prometric requires notification **at least two business days (prior to noon Eastern Time) before the scheduled testing appointment to cancel or reschedule an appointment** at a Prometric Test Center. You may cancel or reschedule your appointment by calling the Prometric Contact Center at 800.688.5804 or by visiting www.prometric.com. If you no-show or cancel less than two business days prior to the scheduled testing date, you will neither be rescheduled to another date nor will you receive a refund. Leaving a message is not sufficient to cancel or reschedule an appointment. A local test center cannot schedule, reschedule, or cancel your appointment. Rescheduling your testing appointment will result in a rescheduling fee payable to Prometric.

Taking the Test at a Prometric Test Center

Report to the testing center will in advance of your scheduled appointment. If you experience problems with testing conditions, you must notify the test administrator immediately; do not proceed with testing unless the problem is resolved. Unresolved concerns must be submitted via facsimile (312.587.4105) within five business days of your testing appointment to the DAT Program; Attention: Coordinator, Client Support Services.

Testing Fees

The DAT fee is \$225. This fee includes official score reporting to five dental schools, an unofficial, personal copy of scores issued at the testing center, and score reporting to the pre-dental advisor. *The five official score reports are included only if they are listed on the original application.* If the schools you requested participate in a standardized application service, e.g.,

the Associated American Dental Schools Application Service (AADSAS) or the Texas Medical and Dental Schools application Service (TMDSAS), the scores will be provided to the schools directly and through the application service.

Your personal copy of the score report issued at the Prometric Test Center is an “unofficial” report that is subject to audit as part of the DAT quality review process. Falsification of score reports or misrepresentation of a score report may result in cancellation of your scores and a two-year wait to retest.

Score report requests beyond the five official score reports can be requested at \$25 per score report. **Fees are non-refundable and non-transferable.**

All fees are payable only in U.S. dollars, by credit card, money order or certified check. Fees for DAT applications and score report requests submitted electronically at www.ADA.org are payable by credit card only. All cash and personal checks will be returned. Members of the ADA or ASDA may write a personal check for submission with a paper application, but their membership number must be recorded on the check. Make the certified check or money order payable to the DAT Program. These fees are in no way related to the AADSAS application.

If you cancel a credit card charge or the test fee is otherwise uncollectible, your scores will be withheld until payment is received. A replacement payment must be made by certified check or money order payable to the American Dental Association. An additional fee of \$25 is required for uncollectible fees and must be included with the replacement payment. If you have not resolved a debt within 60 days after a testing date, your scores from the test date are destroyed.

Partial Fee Waiver

Partial fee waivers for the DAT are available to examinees in cases of severe financial hardship. The waiver is 50% of test fees and includes the fee for the test and the five official score reports. There is the customary charge for all score reporting beyond five.

Fee waivers must be requested in writing by the examinee. A financial information form will be provided to the examinee. This financial information form should be completed and submitted with the application and pre-dental advisor's letter at least two months before the testing date. The DAT Program will review all fee waiver requests and make the final decision regarding the fee waiver. *A limited number of fee waivers are available.*

An examinee with demonstrated financial hardship is eligible for a partial fee waiver if he/she is a first time tester, a U.S. citizen or resident alien, and has applied for financial aid at his/her school. Fee waivers are granted on a first-come basis to eligible examinees who have submitted their request with a completed DAT application, completed fee waiver financial information form, and letter from their pre-dental advisor. Examinees who have previously received a fee waiver or who have already taken the DAT are not eligible for an additional fee waiver.

TESTING PROCEDURES AND REGULATIONS

The DAT Program has established rules which govern the administration of the DAT to ensure that no examinee or group of examinees receives unfair advantage on the test. Test Regulations

are intended to preserve the integrity of the test process by providing standard test administration conditions that yield valid and reliable results. Accessing test content prior to testing, breaching the confidentiality of the test content or any attempt to subvert the test process violates the purpose and principles of the test. Conduct occurring before, during or after testing that violates these principles or testing Rules and Regulations may result in invalidation of test results and/or other penalties.

Rules of Conduct

You must be truthful in completing the application and must abide by all instructions (oral or written) regarding the conduct of the test. Failure to comply with Test Regulations and Rules of Conduct may result in a determination of an irregularity and your test results may be withheld, cancelled, and/or considered invalid. You may also be directed to leave the test center before you have completed the test. If your scores are withheld as the result of an irregularity, you may be prohibited from testing for up to two years and you may be subject to civil or criminal prosecution. By applying for the DAT, you agree to abide by the following Rules of Conduct:

1. You are the person who has registered for the test for the purpose of gaining admission to dental school and presented for testing with valid identification. You may not take the test for someone else, nor may you test for any purpose other than for the purpose of gaining admission to a dental education program.
2. You will not give, receive, or obtain any form of unauthorized assistance prior to or during the test or break periods. By way of example, you will not use or share unreleased test content.
3. You will maintain the confidentiality of the test. You will not reproduce or attempt to reproduce test materials through memorization, recording, or other means. You will not provide information relating to test content that may provide unfair advantage to other examinees. By way of example, you will not make use of or participate in the electronic posting of information regarding test content or answers.
4. You will not bring any unauthorized materials, as described in the Test Regulations below, to the test center, or into the secure testing area.
5. You will not remove materials in any form (written, printed, recorded, or other) from the test center.
6. You will comply with test center policies and procedures and follow the instructions of the test administrator. You will not create a disturbance in the testing center.
7. You will not tamper with the computer testing equipment and facilities.
8. You will comply fully with any investigations of test irregularities. You also agree to have your test responses analyzed for detection of aberrance.

You cannot disclose (in whole or in part) any test questions or answers to anyone before, during or after the test, whether orally, in writing, on Internet chat rooms or blogs, or otherwise. The DAT is a secure test, protected by U.S. copyright laws. Any unauthorized disclosure of the test's contents could result in civil liability, criminal penalties, and/or cancellation of test scores. You are

encouraged to report any Internet or other activities that disclose information about test questions, so that the DTS may investigate and take necessary action.

Test Center Procedures

You are responsible for being present at the test center well in advance of your scheduled appointment time. If you report late you may not be allowed to participate in the test, depending on the time of arrival and schedule of testing appointments. Prometric Test Center administrators will determine whether there is sufficient time and space to administer the test. If you arrive late and cannot be seated, you will forfeit the test fee and must submit another application and fee.

In cases of inclement weather, natural disaster or other local conditions that may cause unavoidable interruptions to testing, the DTS and Prometric will make reasonable efforts to notify you and reschedule your testing appointment.

Prior to testing, you should review all information regarding the test including these Test Center Procedures. You are expected to understand and comply with Test Center Regulations herein. You are encouraged to review information related to testing at www.prometric.com.

1. When you arrive at the Prometric Test Center to take the test, two original, current forms of identification (ID), one primary and one secondary, will be requested and must be produced. The primary ID must be a government issued ID, bearing a photograph and a signature. Examples of acceptable primary IDs (bearing a photograph and signature) are a driver's license or a passport. *At least one ID must have both a picture and a signature.* Examples of secondary IDs (IDs that require only a signature) are a debit card, a library card, a credit card, etc.

The name on your IDs must match exactly with the name on your DAT application. If the names on your IDs and DAT application do not match exactly, you will be denied admission to testing, and forfeit your testing appointment and your application fee. You will be required to submit a new application and fee to test. If you have an address or name change you must submit it in writing via U.S. mail or facsimile to 312.587.4105 at least two weeks prior to your testing appointment. If you have any questions concerning types of acceptable identification, please call the DTS office at 800.232.1694 or view the FAQs at www.ADA.org.

2. The Prometric Test Center will electronically record the identity of each examinee via a fingerprint, and a photograph before testing. Electronic capture of this biometric data allows for easier and quicker return to the testing facility after breaks. The biometric and other identity data will be retained by Prometric and will be made available for identity verification at potential future test administrations related to dental education and licensure.
3. You must have your Social Security Number or Social Insurance Number and DENTPIN[®] with you when you present for testing.
4. You will have an opportunity to become familiar with the operation of the computer by taking a brief tutorial before beginning the actual test.

5. You will be observed at all times while you are taking the test. This observation will include direct observation by test center staff, as well as video recording of your testing session. Test center staff may not necessarily inform you of their observations, but they are required to report behavior that may violate the Rules of Conduct, the Test Regulations or other forms of irregular behavior.
6. Test center staff is not authorized to answer questions regarding test content, testing software, or scoring.
7. Cellular telephones are not allowed anywhere in the test center, and may not be used on an unscheduled break. Eating and drinking are not permitted in the secure testing area. Personal belongings are not allowed in the secure testing area.
8. The test administrator and proctors are responsible for the operations of the facility, maintaining order and administering the test according to established procedures. The test center administrator is authorized to dismiss an examinee from a test session for violating the Rules of Conduct and/or Test Regulations.
9. If you experience problems with testing conditions, you must notify the test administrator immediately; do not proceed with testing unless the problem is resolved. Unresolved concerns should be reported in writing (via facsimile to 312.587.4105) within five business days of your testing appointment to the DAT Program; Attention: Coordinator, Client Support Services.

Test Regulations and Prohibited Conduct

All examinees must comply with the Test Regulations, the Rules of Conduct, and the Test Center Procedures, which are intended to preserve the integrity of the testing process by providing standard testing administration conditions that yield valid and reliable results.

1. No personal or miscellaneous items are permitted in the secure testing area. Any personal belongings brought to the test center must be stored in a designated locker. Storage facilities are limited. Upon reasonable suspicion, your personal belongings may be inspected. Notes or any materials accessed during testing or an unscheduled break that appears to contain test content may be confiscated.
2. Items that are prohibited from the secure testing area include, but are not limited to the following:
 - a. Books, notes, study materials, scratch paper, tissues, or markers not provided by the testing center.
 - b. Dental instruments, models or materials.
 - c. Slide rules, paper, calculating devices, rulers or other measuring devices (a calculator will be provided on the computer screen during the Quantitative Reasoning Test).
 - d. Electronic devices, such as telephones, pagers, recording devices, iPods, personal digital assistants (PDAs), radios or stereos with headsets; personal earplugs or headphones.
 - e. Tote bags; purses, wallets, backpacks, briefcases.

- f. Highlighters, pens, erasers, mechanical pencils, dictionaries, and translators.
 - g. Food, candy, gum, water or other beverages.
 - h. Outerwear, such as coats, jackets, gloves, or head coverings (except for religious purposes).
 - i. Good luck charms, statues, religious or superstitious talismans.
 - j. Medicinal items (except as approved under testing accommodations).
 - k. Watches (digital or analog) or timing devices (a timer is provided on the computer screen during testing).
3. The test center will provide two erasable note boards, two low-odor fine tip dry erase markers, and an eraser to use during the test. Scratch paper, pencils, or markers not provided by the testing center are not permitted. The erasable note board cannot be used as a measuring device and cannot be folded, bent, distorted, or mutilated in any manner. You may not use the dry erase markers on any surface other than the erasable note board. All items must be returned to the test administrator before leaving the Prometric Test Center.
 4. You should not engage in conversation while on break and are strictly prohibited from discussing the examination at that time. Use of a telephone on an unscheduled break is prohibited.
 5. Test center administrators will report the activity of examinees who take unscheduled breaks. You may not study or refer to notes or texts while on an unscheduled break. You may not access personal belongings or prohibited items (listed in #2 above) during unscheduled breaks and may not leave the test center during an unscheduled break.
 6. Although the test is administered under strict supervision and security, test irregularities may sometimes occur. Test scores may be voided based upon a breach of test security, invalid test conditions, or violation of Test Regulations or Rules of Conduct. You are responsible for protecting the integrity of your answers. If cheating is detected during the test, or evidence of irregular behavior is disclosed when the tests are scored, or later, those involved will have their test scores voided.

Failure to comply with Test Regulations and Rules of Conduct may result in a determination of an irregularity and your test results may be withheld, cancelled, and/or considered invalid. You may also be directed to leave the test center before you have completed the test. If your scores are withheld as the result of an irregularity, you may be prohibited from testing for up to two years.

TESTING IRREGULARITIES AND MISCONDUCT

The DAT Program strives to report scores that accurately reflect the skill and performance of each examinee. The standards and procedures for administering each test are intended to give each examinee a comparable opportunity to demonstrate his/her abilities, and to prevent any examinee from gaining an unfair advantage over others.

The DAT Program reserves the right to withhold, void or invalidate any score when, in our judgment, there is a good-faith basis to question the validity of the scores for any reason. Cause for withholding, voiding or invalidation of scores may include, but is not limited to:

- Unusual answer patterns
- Atypical score increases from one test to another
- Inconsistent performance on different parts of the test
- Improper access to secure test content
- A test administration irregularity
- A discrepancy in, or falsification of, an examinee's identification
- Information indicating that an examinee has engaged in misconduct or violation of the rules and regulations
- Falsification of the examinee's score report
- Any other information indicating the results may not be valid

When the DAT Program decides to void or invalidate test scores, it notifies examinees before taking that action (except in cases of testing disruptions or falsification of identity or application or score report information). The notice includes information about the decision and procedures for appeal. If scores have not yet been reported, they will be withheld until an appeal has been resolved, or the time for appeal has expired.

When the DAT Program voids a score that has already been reported, score report recipients will be notified that the examinee's score has been voided. The reason for voiding is usually not reported unless an application or score report contains false information.

The DAT Program reserves the right to pursue other remedies, including prosecution of anyone whose conduct unlawfully undermines the security of the DAT or the integrity of the testing process.

Irregularities and Appeals

An irregularity is defined as a situation in which there may be a question about the validity of test results with respect to whether they accurately represent the ability of an examinee. Potential reasons for failure to measure the ability of an examinee may include, but are not be limited to, communication between or among examinees or access to test content that may have been compromised or that has not been officially released for use as study aides or unauthorized assistance. Conduct prohibited by testing Rules and Regulations or the disruption of test administrations (including natural disasters and other emergencies) may also be considered irregularities. Evidence of an irregularity may be in the form of a report from a test administrator.

When an irregularity is identified, scores of the examinee or examinees involved will be withheld or suspended pending resolution of an appeal submitted by the examinee or examinees involved. If the appeal is denied or no appeal if filed, the scores of the examinee or examinees involved will be voided or invalidated.

An examinee whose scores are subject to being voided or invalidated is notified by written correspondence and provided with a copy of the *Dental Admission Test Appeal Process*. An appeal must be submitted in writing and must include adequate documentation. An examinee's appeal may include documentation that he/she believes supports his or her appeal. The appeal should also indicate the specific relief requested. Appeals must be initiated within 30 days after notification of the irregularity.

The examinee will be notified of the DAT Program's action within 60 days after receipt of the

appeal. When considering an appeal, the DAT Program strives to ensure that all examinees have an opportunity to demonstrate their ability and potential for success in dental school that is equal to, but not greater than, the opportunity provided to any other examinees. In any appeal, the issue to be decided is whether the appealing examinee's conduct interfered with that opportunity.

The DAT Program will void or invalidate scores only when there is a reasonable and good faith basis to do so. If the DAT Program determines that voiding or invalidating scores is not warranted under the circumstances, any withheld scores will be released.

Examinees should be aware that the DAT Program considers irregularities other than natural disasters and emergencies beyond the control of the examinee to be a serious breach of the testing process. The DAT Program handles irregularities in a confidential manner and does not voluntarily share details regarding irregularities. However, examinees should be aware that reports of irregularities may have consequences beyond the withholding or voiding of scores if information regarding the irregularities is brought to the attention of school authorities, regulatory agencies or other entities by other sources.

Examinees are encouraged to report suspicious activity or observations of violations of testing regulations to the DAT Program at 800.232.2162 or by e-mail to education@ada.org.

Arbitration Requirement

Arbitration has become an increasingly common way to resolve legal differences. The advantages of arbitration over traditional lawsuits are that, generally, arbitration is less expensive and issues are resolved in less time. If an examinee wishes to pursue a dispute that has not been resolved by the appeal process mentioned above and detailed in the *DAT Program Appeal Process* the examinee must use the procedure described in the following Agreement to Arbitrate.

AGREEMENT TO ARBITRATE

- 1) In the event that any legal dispute arises between you and the American Dental Association in connection with your participation in the Dental Admission Test where that dispute is not resolved by the appeals process detailed in the Examinee's Guide and elsewhere, you agree that the exclusive means for resolving the dispute shall be Binding Arbitration as described by the terms of this Agreement. This means that you waive the rights you may have to resolve the dispute in a court of law, or by any other means that might otherwise be available to you.
- 2) The American Dental Association ("ADA") agrees to be similarly bound except that the ADA reserves its full rights to pursue injunctive and other appropriate relief in any state or federal court in cases of unfair competition or violations of, or threats to violate, any intellectual property rights of the ADA. With respect to any action filed by the ADA pursuant to this paragraph 2, you consent to submit to the jurisdiction of the state or federal court in which the ADA seeks relief.
- 3) Arbitration proceedings initiated pursuant to this Agreement to Arbitrate shall be conducted in accordance with the then current rules of the American Arbitration Association. The Arbitration and any proceedings relating to it shall be held in Chicago, Illinois. The arbitrator's award shall be binding and may be entered as a judgment in any court of competent jurisdiction. Information about the American Arbitration Association, its rules, and its forms are available from the American Arbitration Association, 335 Madison Avenue, Floor 10, New York, New York, 10017-4605.
- 4) In the event of Arbitration, the parties shall bear their own costs and attorneys' fees associated with the

Arbitration proceedings, unless the arbitrator directs one of the parties to pay the other's costs, or attorneys' fees, or both.

5) To the fullest extent permitted by law, no Arbitration brought pursuant to this Agreement shall be joined to any Arbitration involving any other party whether through "Class Arbitration" proceedings or otherwise.

6) This Agreement is part of the Application to take the Dental Admission Test. Your assent to be bound by it is a requirement for taking the test, but you can only sit for the test if you also fulfill all other conditions imposed by the American Dental Association.

TEST CONTENT

Scope of the Test

The test is comprised exclusively of multiple-choice test items presented in the English language. Each edition of a test is developed according to the Test Specifications (see Appendix E). There are four tests included in the DAT.

Test Preparation Materials

The DAT preparation materials contain samples of the four tests used in the DAT and are available at www.ADA.org. These materials are available at no charge to test applicants as a means of discovering possible areas of weakness in their comprehension of subjects covered on the test. They also enable examinees to become familiar with the types of materials included in the test, as well as the general format of the various parts of the test battery. A complete DAT Sample Test is available for purchase at www.ADA.org.

A tutorial to familiarize you with the mechanics of taking the DAT is available at www.ADA.org. The tutorial does not include sample DAT content, but it does provide the opportunity to become familiar with the basic steps involved in proceeding through the test. At the Prometric Test Center, you will also have an opportunity to become familiar with the workings of the computer by taking a brief optional tutorial before beginning the actual test.

There are no shortcuts to the process of learning, and these test preparation materials are not designed to provide you with an opportunity to bypass the extensive process of absorbing basic information through class participation and months of study.

The DAT Program does not endorse any test preparation courses and has no data on the content or efficacy of test preparation courses designed to prepare you to take the DAT. The DTS urges individuals considering participating in test preparation courses to review carefully the course materials to ensure that they reflect the current content of the DAT.

Unreleased Test Materials

Unreleased test materials comprise confidential test material. Obtaining, using, and/or distributing unreleased test items is strictly prohibited regardless of the method employed, i.e., whether by memorization, recording, copying, etc. Use or sharing of unreleased test materials violates the Rules of Conduct and Testing Regulations. Such activities may provide unfair advantage to individuals or groups of individuals and threaten the validity and credibility of the test. Since all

tests are copyrighted property of the American Dental Association, these prohibited activities also violate federal copyright laws. The American Dental Association investigates reports or allegations associated with the generation, use or sharing of unreleased test materials, and will pursue formal action against anyone who violates Test Regulations or Federal Copyright Law.

SCORE INFORMATION

Scoring of Test

DAT scores are based on the number of correct responses; therefore, examinees are not penalized for guessing.

The results are reported to dental schools in terms of standard scores rather than raw scores or percentile equivalents. Using standard scores, it is possible to compare the performance of one examinee with the performance of all examinees. Scores used in the testing program range from 1 to 30. There are no passing or failing scores; the standard score of 17 typically signifies average performance on a national basis.

Each test includes equating and pretest questions. The purpose of the equating questions is to form a link among collections of items, so that examinee's standard scores can be placed on the same measurement scale. Because of these equating questions, examinee's scores have the same meaning regardless of the test they were administered. Unsourced pretest questions are included on the test in order to gather information. This information is used in the test construction process to insure that these questions are appropriate before they are included among the scored items.

Test Validity and Score Reliability

Two characteristics allow users to evaluate the quality of a test. These are reliability and validity. Reliability refers to the degree to which test scores are consistent across administrations of the test. If test scores are reliable, then they are dependable and repeatable for an individual examinee. The findings of annual studies clearly indicate that DAT scores are highly reliable.

Validity refers to the extent to which the test measures what it purports to measure. For the DAT, one approach to evaluating the validity is to correlate scores to grades in schools and colleges of dentistry. Validity studies containing correlations between test scores and dental grades are conducted regularly and have indicated predictive validity relative to performance in dental school programs. These reports are available at www.ADA.org.

A number of procedures are used to insure that tests are fair to all examinees regardless of race, ethnicity, gender, or regional background. The test construction process involves a review of questions to insure that they are not differentially familiar to any groups of individuals. Further, as part of the test analysis process, test question data are analyzed for fairness. Any questions that may appear differentially familiar are evaluated and, if appropriate, modified.

Score Reports

Immediately upon completion of the DAT, an unofficial score report is provided directly to you at the Prometric Test Center. The report includes both standard scores and percentile

equivalents. This unofficial report is audited for accuracy before official reporting of scores. This report is your personal copy. No other score report will be sent to you. Official scores will be available to the dental schools approximately three to four weeks after the test.

It is suggested that you confer with the pre-dental advisor regarding test results. Scores will be automatically forwarded to the pre-dental advisor if indicated on the application, although at a later date.

When an examinee repeats the tests, the results of the four most recent attempts are released on the official score report forwarded to the dental schools, and for all examinees, the total number of attempts is listed.

All U.S. dental schools require official DAT scores for each examinee. Official scores will be transmitted to the dental schools requested on the DAT application. If the schools you requested participate in a standardized application service, e.g., the Associated American Dental Schools Application Service (AADSAS) or the Texas Medical and Dental Schools application Service (TMDSAS), the scores will be available to the schools directly and through the application service.

It is best to have official scores sent to each of the dental schools to which you are considering application even though you have not yet completed filing admission applications to these schools. Requests for official scores after the scores are reported are subject to delay and additional expense.

Once you have submitted your application, changes to score report requests must be submitted in writing with your signature (via facsimile to 312.587.4105) to the DAT Program and received **prior** to your testing appointment.

Scores will not be released without specific written authorization by the examinee. Test scores will be kept on file indefinitely, thereby making it possible to send scores to other programs in the future when requested by the examinees. When requesting additional official score reports, examinees must specify their Social Security Number or Social Insurance Number and DENTPIN[®], the month and the year when the test was taken, and include the appropriate fee.

Score reports that are provided directly to the examinee at the testing center are considered unofficial. Additional score requests may be made electronically at www.ADA.org. Additional score requests require five to 10 business days for processing.

It is the policy of the DAT Program that once an examinee has taken the test; those scores cannot be voided at the request of the examinee.

Score Audits

Before official DAT scores are distributed to dental schools, the DTS conducts a quality review of all results in order to confirm the accuracy of the scores. The DTS also reviews test center reports regarding irregularities and violations of Test Regulations. For a period of 30 days after your testing appointment, the DAT Program is willing to audit your DAT results. The fee for an audit is \$50 payable to the American Dental Association by a cashier's check or money order. The audit request form is available at www.ADA.org.

ADDITIONAL RESOURCES

Dental School Admission: ASDA Resources

The American Student Dental Association (ASDA), a student-run organization since 1971, is dedicated to meeting the informational needs of dental students and prospective dental students. As someone interested in a career in dentistry, you are eligible for ASDA's pre-dental membership. ASDA pre-dental membership includes several publications and multiple member benefits. Please call 800.621.8099 (x 2795) or visit www.asdanet.org for further information.

Associated American Dental Schools Application Service (AADSAS) at the American Dental Education Association (ADEA)

The American Dental Education Association (ADEA) and the American Dental Association (ADA) are separate associations. All inquiries concerning the dental school application service (not the DAT) should be directed to AADSAS at ADEA.

AADSAS is available to all students applying to dental schools participating in the program. AADSAS simplifies the application process for students by providing one standardized form, relieving applicants of the need to complete multiple applications. Dental schools benefit by receiving uniform information on all applicants. AADSAS serves as an information clearinghouse, and does not influence any school's appraisal or selection of applicants.

Admission to dental school is competitive; in order to select those schools where your application will have the greatest chance of success, you should review the *Official Guide to Dental School* available from the ADEA, 1400 K Street, NW, Washington, D.C., 20005, (202.298.7201 or www.adea.org). This publication contains useful information concerning specific dental school prerequisites, financial assistance/cost of a dental education, AADSAS, and other areas of interest to prospective dental students.

If you decide to apply to any of the dental schools participating in AADSAS, you must file your application through AADSAS. Questions regarding AADSAS can be directed to 800.353.2237.

How to Apply to AADSAS

To initiate your application to any of the schools participating in AADSAS, you may apply electronically at www.adea.org (click on AADSAS) or download a paper application from www.adea.org. Prior to starting an application, you must obtain a DENTPIN[®] from <http://www.ada.org/prof/ed/testing/dentpin/index.asp>.

Each participating school has its own specific requirements regarding the payment of a separate application fee, if any, and the submission of supplemental materials (such as letters of recommendation, score reports, etc). The additional requirements are listed in the Supplemental Materials section of the AADSAS instructions. In addition, all schools require official DAT score reports from the DTS, American Dental Association.

AADSAS Processing Fee

The AADSAS processing fees can be found on the AADSAS Web site. AADSAS fees cover the cost of processing your materials and preparing statistical analyses, which assist both dental educators and pre-dental advisors.

Texas Medical and Dental Schools Application Service (TMDSAS)

Texas Residents must apply through the Texas Medical and Dental Schools Application Service (TMDSAS). To access the full information and the on-line application, please visit their Web site: <http://www.utsystem.edu/tmdsas>. Contact them at: 702 Colorado Street, Suite 6.400, Austin, Texas 78701 Phone: 512.499.4785 Fax: 512.499.4786 Email: tmdsas@utsystem.edu. The TMDSAS also requires that you obtain a DENTPIN[®] prior to applying.

APPENDIX A APPLICATION INSTRUCTIONS

The following information may be helpful for filling out the electronic or paper application. For questions regarding the application process, please contact the DTS at 800.232.2162.

The electronic application is available at www.ADA.org.

Use a dark (No. 2) pencil to complete the computer read Scantron paper application; do not use ink. Enter one number, letter, slash, or dash per box. Leave a blank box or space when appropriate; blanks have no circles to fill in. After filling in the boxes, blacken the matching circles under the boxes. Correct any errors by completely erasing the errors and/or any stray marks. The information that you provide on the application will be used exactly as provided for all data processing and mailing functions. To avoid errors, please complete the entire application and proofread carefully.

Name

Enter your name in the boxes provided, last name, first name and middle name. In addition to letters, dashes and blank spaces can be used if appropriate. If your name has more letters than there is space provided, enter only as many letters as there are space provided. Submit a name change request in writing via facsimile to 312.587.4105.

Social Security Number or Canadian Social Insurance Number

Enter your Social Security Number or Canadian Social Insurance Number.

DENTPIN®

As part of the application process, all candidates must provide their Dental Personal Identifier Number (DENTPIN®). The DENTPIN® (**DENTAL Personal Identifier Number**) is a unique personal identifier for applicants and students involved with the U.S. dental education system and standardized testing programs. The DAT, ADEA AADSAS and TMDSAS, plus ADEA PASS, ADEA CAAPID and the National Board Dental and Dental Hygiene Examination programs all use the DENTPIN® for identification of students and test-takers and for the confidential, secure reporting, transmission and tracking of test scores and academic data. You should obtain or retrieve a DENTPIN® from <http://www.ada.org/prof/ed/testing/dentpin/index.asp> before proceeding with your application.

Date of Birth

Enter your date of birth.

Daytime Phone

Enter your daytime phone number.

Principal College Attended

Enter the name of the principal college you attended. Record the code number for the institution (see Appendix C). If the institution (or the campus/branch of a large college/university system) you attended is not listed, enter its complete name and the city and state in which it is located, but leave the code number blank.

Testing Accommodations

If you are requesting testing accommodations because of a documented disability, please submit a testing accommodation request form (located at www.ADA.org) with the supporting documents. Applications for testing accommodations because of a documented disability are not processed without the necessary application and documents.

Dental Schools to Receive Official Scores

From the list of dental schools (see Appendix D), indicate which schools are to receive official DAT scores. Five schools (at the time of application) are included in your testing fee. The fee for each school over five is \$25 per school. Changes to your dental school selections must be received in writing with your signature in the DTS office (via facsimile at 312.587.4105) prior to your testing appointment. All U.S. schools require official scores from the Dental Admission Testing Program. Please retain a copy of the schools chosen to receive your scores for your own personal records.

If the schools you requested participate in a standardized application service, e.g., the Associated American Dental Schools Application Service (AADSAS) or the Texas Medical and Dental Schools application Service (TMDSAS), the scores will be available to the schools directly and through the application service.

Street Address

Enter the address to which correspondence should be mailed. If you have an apartment number, please include it. Enter the city. If your mailing address is in the United States or Canada, enter the appropriate two letter U.S. state, U.S. territory, or Canadian province abbreviation. Enter your U.S. zip code or Canadian postal code. Other countries leave this blank. Indicate the appropriate country. If other, enter the name of the country in the space provided. Also, for other countries, provide any other mailing information that may be necessary.

Enter your e-mail address.

Testing History

Indicate whether you have taken the DAT before.

Pre-health Advisor

Indicate whether you want official DAT scores sent to your pre-health advisor for advising purposes and at no additional charge.

Recruitment Availability

Indicate whether you want your name made available to dental schools for recruitment purposes.

Minority Recruitment

Indicate whether you want to be considered a minority applicant for recruitment purposes. If so, your name and address will be made available to dental schools.

Military Recruitment

Indicate whether you would like to be contacted regarding U.S. military scholarships.

Fee

The DAT testing fee is \$ 225. If you are requesting that official DAT scores be sent to more than five dental schools, please multiply the number in excess of five times \$25, and enter the total amount. (The electronic application will calculate this for you.)

Send a money order for the total amount with your paper application, *Confidential Information Form* and any required documentation. The money order should be made payable to the American Dental Association. Members of the ADA or ASDA may write a personal check, but your membership number must be recorded on the check.

Signature

Read the statement at the end of your application; sign your name and date (electronic application will request you check the boxes). Do not print your name. Your signature is required. By signing the application, you confirm that: 1) the information provided is true and accurate; 2) you have read the testing regulations and agree to abide by them; 3) you agree to resolve any legal differences by arbitration; and 4) you give permission for release of your scores to the schools requested and to the relevant application service.

APPENDIX B CONFIDENTIAL INFORMATION FORM INSTRUCTIONS

A *Confidential Information Form* should be submitted along with the DAT application. Although test applicants provide a minimum of biographical information on the test application form, the *Confidential Information Form* is a more comprehensive information form. The requested information includes your class standing, gender, ethnic identification, financial status, major field of study, etc. This information will be kept confidential and used for national studies related to the testing program. You will not be penalized for leaving some questions unanswered. Please review your entries to see that they are complete and accurate.

Name

Enter your last name, first name, and middle name. Your name should match the name on your application.

U.S. Social Security Number or Canadian Social Insurance Number

This number should be the same as on your application. If you do not have either number, please leave blank.

DENTPIN®

Enter your DENTPIN®. This number should be the same as on your application.

Gender

Enter your gender.

Ethnic Identification (Optional)

Please, answer the following questions:

- a. Do you consider yourself to be of Hispanic origin?
 - Yes or No

- b. Which of the following best describe your race? You may mark one or more races.
 - American Indian or Alaska Native
 - Asian
 - Black or African American
 - Native Hawaiian or Other Pacific Islander
 - White

Size of City

Please select the most appropriate description of the size of the city or town, which was your principal residence during high school.

High School Rank

Select the appropriate percentile group for your rank in your high school class.

Extracurricular Activities

Enter any listed extracurricular activities in which you participate.

Pre-dental College Major

Indicate your pre-dental college major. Mark only one.

Pre-dental Education

Indicate the amount of pre-dental education you have completed at this time.

College Grade Point Average

Indicate your cumulative (college/university) grade point average.

Science Grade Point Average

Indicate your cumulative science grade point average.

Review Course

Indicate whether you have taken a review course to prepare for the DAT.

Duration of Review Course

If you answered yes, indicate the length of the course.

Other Admissions Tests

Indicate whether you have taken (or plan to take) the MCAT, OAT, VAT, PCAT or the AHPAT.

Enrollment

Indicate the year you plan to enroll in a dental school. If undecided, leave blank.

Anticipated Financial Indebtedness

Indicate your anticipated financial indebtedness (excluding home mortgages) at the time of matriculation into dental school.

Sources of Funding

Estimate the percentage of dental education expected to be financed by the four sources listed. Indicate the appropriate percentage for each source of funds. The total sum of the percentages from the four sources should equal 100%.

Father's Occupation

From the occupational categories provided, indicate your father's occupation.

Father's Education

Indicate the level of your father's education.

Mother's Occupation

From the occupational categories provided, indicate your mother's occupation.

Mother's Education

Indicate the level of your mother's education.

Parents' Net Income

Indicate your parents' estimated combined net annual income.

Household Language

Indicate whether English is the dominant language spoken in your household.

**APPENDIX C
PRINCIPAL COLLEGE ATTENDED**

Alabama			
		001142	California State University, San Bernardino
001009	Auburn University, Main Campus	001143	California Polytechnic University, San Luis Obispo
001012	Birmingham Southern College		
001016	University of Northern Alabama	001144	California Polytechnic University, Pomona
001020	Jacksonville State University		
001033	Oakwood College	001146	California State University, Chico Campus
001036	Samford University	001147	California State University, Fresno
001041	Spring Hill College	001150	California State University, Sacramento
001050	Tuskegee Institute	001151	San Diego State University
001051	University of Alabama, Tuscaloosa	001153	California State University, Northridge
001052	University of Alabama, Birmingham	001154	San Francisco State University
001057	University of South Alabama	001155	San Jose State University
008310	Auburn University, Montgomery	001156	Sonoma State University
		001215	La Sierra University
Alaska			
		001216	University of LaVerne
001063	University of Alaska, Fairbanks	001218	Loma Linda University
		001238	Mills College Oakland
Arizona			
		001249	Occidental College, Los Angeles
001081	Arizona State University	001258	Pacific Union College
001082	Northern Arizona University	001262	Point Loma College, San Diego
001083	University of Arizona	001264	Pepperdine College
		001272	San Bernardino Valley College
Arkansas			
		001286	Santa Monica College
001090	Arkansas State University, Main Campus	001305	Stanford University
001092	University of Central Arkansas	001312	University of California, Berkeley
001098	Henderson State University	001313	University of California, Davis
001099	Hendrix College	001314	University of California, Irvine
001101	University of Arkansas, Little Rock	001315	University of California, Los Angeles
001102	Quachita Baptist University	001316	University of California, Riverside
001107	South Arkansas University, Main Campus	001317	University of California, San Diego
001108	University of Arkansas, Fayetteville	001319	University of California, San Francisco
		001320	University of California, Santa Barbara
California			
		001321	University of California, Santa Cruz
001326	Santa Clara University	001325	University of San Francisco
001137	California State University, Fullerton	001328	University of Southern California
001138	California State University, Hayward	001329	University of the Pacific
001139	California State University, Long Beach	001342	Whittier College
001140	California State University, Los Angeles	010395	University of San Diego
001141	California State University, Dominguez Hills	011649	Loyola Marymount University

Colorado		001538	University of Tampa
001347	Colorado College	003954	University of Central Florida
001349	University of Northern Colorado, Greeley	003955	University of West Florida
001350	Colorado State University	009635	Florida International University
001353	Fort Lewis College		
001363	Regis College	Georgia	
001369	U.S. Air Force Academy	001546	Armstrong Atlantic State University
001370	University of Colorado, Boulder	001552	Augusta College
001371	University of Denver	001561	Columbus College
		001564	Emory University
Connecticut		001566	Fort Valley State College
001385	Fairfield University	001569	Georgia Institute Technology
001402	Quinnipiac University	001572	Georgia Southern College
001414	Trinity College	001574	Georgia State University
001416	University of Bridgeport	001580	Mercer University, Main Campus
001424	Wesleyan University	001582	Morehouse College
001426	Yale University	001583	Morris Brown College
008718	University of Connecticut, Storrs	001590	Savannah State College
009030	University of Connecticut, Farmington	001594	Spelman College
		001598	University of Georgia
Delaware		001599	Valdosta State College
001431	University of Delaware	001601	West Georgia College
District of Columbia		Hawaii	
001434	American University	001610	University of Hawaii at Manoa
001437	Catholic University of America		
001443	Gallaudet University	Idaho	
001444	George Washington University	001616	Boise State University
001445	Georgetown University	001620	Idaho State University
001448	Howard University	001626	University of Idaho
001441	University of District of Columbia		
		Illinois	
Florida		001633	Augustana College
001466	Barry College	001641	Bradley University
001481	Florida Atlantic University	001671	DePaul University
001489	Florida State University	001674	Eastern Illinois University
001495	Jacksonville University	001676	Elmhurst College
001506	Miami Dade Community College	001692	Illinois State University
001512	Palm Beach Community College	001693	Northeastern Illinois University
001531	Stetson University	001694	Chicago State University
001535	University of Florida	001696	Illinois Wesleyan University
001536	University of Miami	001707	Lewis University
001537	University of South Florida	001710	Loyola University of Chicago

Illinois (Continued)		Kansas	
001724	Millikin University	001927	Emporia State University
001725	Monmouth College	001928	Kansas State University of Agriculture
001737	Northern Illinois University	001949	Washburn University of Topeka
001759	Southern Illinois University, Edwardsville	001950	Wichita State University
001767	Illinois Benedictine College		
001773	Triton College	Kentucky	
001774	University of Chicago	001963	Eastern Kentucky University
001775	University of Illinois, Urbana	001976	Morehead State University
001776	University of Illinois, Chicago Circle Campus	001977	Murray State University
001780	Western Illinois University	001987	Transylvania University
001781	Wheaton College	001989	University of Kentucky
006753	Illinois Central College	001999	University of Louisville
		002001	Thomas More College
Indiana		002002	Western Kentucky University
001786	Ball State University		
001788	Butler University	Louisiana	
001792	DePauw University	002004	Dillard University
001795	University of Evansville	002005	Nicholls State College
001801	Hanover College	002008	Louisiana Technology University
001804	University of Indianapolis	002010	Louisiana State University & Agri. & Mech. & Herbert Laws Center, Baton Rouge
001808	University of Southern Indiana, Evansville		
001809	Indiana University, Bloomington	002011	Louisiana State University, Alexandria
001813	Indiana University-Purdue University of Indianapolis	002013	Louisiana State University, Shreveport
001814	Indiana University, Kokomo	002015	University of New Orleans
001815	Indiana University, Northwest	002016	Loyola University, New Orleans
001825	Purdue University, West Lafayette	002017	McNeese State University
001840	University of Notre Dame	002020	University of Louisiana, Monroe
001842	Valparaiso University	002021	Northwestern State University of Louisiana
001844	Wabash College	002024	Southeastern Louisiana University
009563	Indiana State University, Terre Haute	002029	Tulane University
		002031	University of Southwestern Louisiana
Iowa		002032	Xavier University of Louisiana
001860	Drake University	09636	Southern University & A & M College at Baton Rouge
001868	Grinnell College		
001869	Iowa State University		
001873	Loras College	Maine	
001874	Luther College	002038	Bowdoin College
001890	University of North Iowa	002053	University of Maine, Orono
001892	University of Iowa		

Maryland (continued)		002260	Ferris State University
002067	Columbia Union College	002272	Hillsdale College
002068	Coppin State College	002273	Hope College
002073	Goucher College	002275	Kalamazoo College
002077	Johns Hopkins University	002282	Madonna College
002078	Loyola College	002290	Michigan State University
002083	Morgan State University	002292	Michigan Technology University
002086	Mount St. Mary's College	002301	Northern Michigan University
002099	Towson State University	002307	Oakland University
02101	U.S. Naval Academy	002323	University of Detroit Mercy
002103	University of Maryland, College Park Campus	002329	Wayne State University
		002330	Western Michigan University
002105	University of Maryland, Baltimore County Campus	009092	University of Michigan, Ann Arbor
		909092	University of Michigan, Dearborn
002107	Villa Julie College		
		Minnesota	
Massachusetts		002346	Concordia College at Moorehead
002118	Assumption College	002353	Gustavus Adolphus College
002120	Merrimack College	002358	Macalister College
002128	Boston College	002360	Mankato State University
002130	Boston University	002377	St. Cloud State University
002133	Brandeis University	002379	St. John's University
002139	Clark University	002380	St. Mary's College
002141	College of the Holy Cross	002382	St. Olaf's College
002155	Harvard University	002386	United Theological Seminary
002165	Massachusetts College of Pharmacy	002388	University of Minnesota, Duluth
002188	Salem State College	002389	University of Minnesota, Morris
002192	Mount Holyoke College	003969	University of Minnesota Twin Cities, Minneapolis
002199	Northeastern University		
002209	Smith College		
002217	Stonehill College	Mississippi	
002218	Suffolk University	002397	Belhaven College
002219	Tufts University	002403	Delta State University
002221	University of Massachusetts, Amherst	002410	Jackson State University
002222	University of Massachusetts, Boston	002414	Millsaps College
		002415	Mississippi College
Michigan		002423	Mississippi State University
002234	Adrian College	002439	Tougaloo College
002235	Albion College	002440	University of Mississippi
002238	Andrews University	002441	University of Southern Mississippi
002243	Central Michigan University		
002259	Eastern Michigan University		

Missouri		New Jersey (continued)	
002454	Central Missouri State University	002607	Fairleigh Dickinson University, Teaneck
002461	Drury College	002617	Montclair State University
002495	Truman State University	002621	New Jersey Institute of Technology
002496	Northwest Missouri State University	002625	William Paterson University
002499	Rockhurst College	002627	Princeton University
002501	Southeast Missouri State University	002631	Rutgers University, Newark
002503	Southwest Missouri State University	002632	Seton Hall University
002512	Stephens College	002639	Stevens Institute of Technology
002516	University of Missouri, Columbia	004741	Rutgers University, Camden
002518	University of Missouri, Kansas City	006964	Rutgers University, New Brunswick
002519	University of Missouri, St. Louis		
002520	Washington University	New Mexico	
002523	Westminster College	002657	New Mexico State University, Las Cruces
002524	William Jewell College	002658	New Mexico State University, Alamogordo
		006881	University of New Mexico, Gallup
		008854	New Mexico State University, Grants
Montana		010313	University of New Mexico, Main Campus, Albuquerque
002526	Carroll College	910313	University of New Mexico, Los Alamos
002532	Montana State University		
002536	University of Montana		
Nebraska		New York	
002542	Creighton University	002666	Adelphi University
002544	Doane College	002668	Alfred University
002551	University of Nebraska at Kearney	002681	Canisius College
002554	University of Nebraska, Omaha	002687	C.U.N.Y. Brooklyn College
002555	Nebraska Wesleyan University	002688	C.U.N.Y. City College
002565	University of Nebraska, Lincoln	002689	C.U.N.Y. Hunter College
002566	Wayne State College	002690	C.U.N.Y. Queens College
		002698	C.U.N.Y. Staten Island
Nevada		002699	Clarkson University
002568	University of Nevada, Reno	002701	Colgate University
002569	University of Nevada, Las Vegas	002707	Columbia University
		002711	Cornell University, Ithaca
New Hampshire		002722	Fordham University
002573	Dartmouth College	002727	Pace University, White Plains
002587	St. Anselm's College	002728	Hamilton College
002589	University of New Hampshire, Durham	002731	Hobart & William Smith College
		002732	Hofstra University
New Jersey		002737	Iona College
002603	Drew University	002748	LeMoyne College
002605	Fairleigh Dickinson University, Madison	002754	Long Island University, C.W. Post

New York (continued)		002976	University of North Carolina, Greensboro
002755	Long Island University, Southampton	002978	Wake Forest University
002758	Manhattan College		
002782	New York Institute of Technology	North Dakota	
002785	New York University	002991	University of North Dakota, Devils Lake
002788	Niagara University	002995	North Dakota State University, Bottineau
002791	Pace University, New York	003005	University of North Dakota, Grand Forks
002792	Pace University, Pleasantville	003007	University of North Dakota, Williston
002803	Rensselaer Polytechnic Institute	009265	North Dakota State University, Fargo
002806	Rochester Institute of Technology		
002816	Siena College	Ohio	
002823	St. John's University	003014	Baldwin Wallace College
002835	S.U.N.Y. at Albany	003018	Bowling Green State University
002836	S.U.N.Y. at Binghamton	003024	Case Western Reserve University
002837	S.U.N.Y. at Buffalo	003032	Cleveland State University
002838	S.U.N.Y. at Stony Brook	003037	College of Wooster
002841	S.U.N.Y. College at Brockport	003042	Denison University
002842	S.U.N.Y. College of Buffalo	003050	John Carroll University
002847	S.U.N.Y. College Oneonta	003051	Kent State University, Kent
002848	S.U.N.Y. College Oswego	003052	Kent State University, Ashtabula
002882	Syracuse University	003054	Kent State University, North Canton
002889	Union College	003056	Kent State University, East Liverpool
002892	U.S. Merchant Marine Academy	003061	Kent State University, Salem
002893	U.S. Military Academy West Point	003062	Kent State University, New Philadelphia
002894	University of Rochester	003064	Kent State University, Warren
002899	Wagner College	003065	Kenyon College
002903	Yeshiva University	003084	Muskingum College
007022	C.U.N.Y. Lehman College	003100	Ohio University, Athens
007968	New York Institute of Technology, Old Westbury	003101	Ohio University, Belmont
902754	Long Island University, Brentwood	003102	Ohio University, Chillicothe
904804	New York Institute of Technology, Central Islip	003103	Ohio University, Ironton
		003104	Ohio University, Lancaster
North Carolina		003108	University of Ohio, Zanesville
002907	University of North Carolina, Asheville	003123	University of Akron
002918	Davidson College	003125	University of Cincinnati
002920	Duke University	003127	University of Dayton
002923	East Carolina University	003131	University of Toledo
002950	North Carolina Central University	003143	Wittenberg University
002954	Pembroke State University	003144	Xavier University
002972	North Carolina State University	003145	Youngstown State University
002974	University of North Carolina, Chapel Hill	006883	Ohio State University, Columbus
002975	University of North Carolina, Charlotte	007104	Miami University, Oxford

Ohio (continued)		003378	University of Pennsylvania
007856	Bowling Green University, Huron	003379	University of Pittsburgh, Pittsburgh
009168	Wright State University, Dayton	003382	University of Pittsburgh, Johnstown
		003384	University of Scranton
Oklahoma		003385	Ursinus College
003152	Central State College	003388	Villanova University
003154	East Central State University	003389	Washington & Jefferson College
003161	Oklahoma State University	003394	Wilkes University
003163	Northeastern State University	006965	Pennsylvania State University, University Park
003166	Oklahoma City University		
003165	Oklahoma Christian College		
003170	Oklahoma State University	Puerto Rico	
003184	University of Oklahoma, Norman	003936	Catholic University of Puerto Rico
003185	University of Tulsa	003937	University of the Sacred Heart
003985	Oral Roberts University	003940	Inter American University of Puerto Rico-Hato Rey
Oregon		003944	University of Puerto Rico, Mayaguez
003210	Oregon State University	003945	University of Puerto Rico, San Juan
003216	Portland State University	007108	University of Puerto Rico, Rio Piedras
003223	University of Oregon	007206	University of Puerto Rico, Cayey
003224	University of Portland	009652	University of Puerto Rico, Ponce
Pennsylvania		Rhode Island	
003229	Albright College	003401	Brown University
003230	Allegheny College	003406	Providence College
003238	Bucknell University	003414	University of Rhode Island
003253	Dickinson College		
003258	Duquesne University	South Carolina	
003262	Elizabethtown College	003423	Citadel Military College
003266	Gannon University	003425	Clemson University
003279	Juniata College	003428	College of Charleston
003282	Kings College	003434	Furman University
003284	Lafayette College	003446	South Carolina State College
003289	Lehigh University	003445	Presbyterian College
003290	Lincoln University	003448	University of South Carolina, Columbia
003304	Muhlenburg College	003449	University of South Carolina at Aiken
003313	Widener College	003450	University of South Carolina at Beaufort
003316	California University of Pennsylvania	003457	Wofford College
003366	St. Francis College	004927	University of South Carolina at Union
003367	St. Joseph's University	009226	Francis Marion College
003368	St. Vincent College	012112	University of South Carolina at Sumter
003371	Temple University		

South Dakota		003656	University of Texas, Arlington
003471	South Dakota State University	003658	University of Texas, Austin
010300	University of South Dakota	003660	University of Texas, Houston
		003662	University of Texas, San Antonio
Tennessee		003661	University of Texas, El Paso
003478	Austin Peay State College	003665	West Texas State University
003482	Christian Brothers College	006967	Baylor University
003487	East Tennessee State University	008163	San Antonio College
003490	Fisk University	010366	Texas A & M University College Station
003509	University of Memphis		
003510	Middle Tennessee State University	Utah	
003518	Southern Adventist College, Collegedale	003670	Brigham Young University
003519	Rhodes College	003675	University of Utah
003522	Tennessee State University	003677	Utah State University
003523	Tennessee Technological University	003678	Southern Utah State College
003529	University of Tennessee, Chattanooga	003680	Weber State University
003530	University of Tennessee, Knoxville		
003531	University of Tennessee, Martin	Vermont	
003535	Vanderbilt University	003691	Middlebury College
		003694	St. Michael's College
Texas		00396	University of Vermont & State Agricultural College
003537	Abilene Christian University		
003541	Angelo State University		
003543	Austin College	Virginia	
003565	East Texas State University	003721	James Madison University
003576	Houston Baptist University	003728	Old Dominion University
003578	Incarnate Word College	003735	Virginia Commonwealth University
003581	Lamar University	003744	University of Richmond
003604	Rice University	003749	George Mason University
003606	Sam Houston State College	003753	Virginia Military Institute
003609	San Jacinto College, Central Campus	003754	Virginia Polytechnic Institute & State University
003613	Southern Methodist University		
003615	Southwest Texas State University	003766	Virginia Union University
003624	Stephen F. Austin State University	006968	University of Virginia, Charlottesville
003636	Texas Christian University		
003639	Texas A & I University	Washington	
003642	Texas Southern University	003775	Eastern Washington University
003644	Texas Technology University	003778	Gonzaga University
003645	Texas Wesleyan College	003785	Pacific Lutheran University
003647	Trinity University	003790	Seattle University
003651	University of Dallas	003797	University of Puget Sound
003652	University of Houston	003798	University of Washington

Washington (continued)	
003799	Walla Walla College
003800	Washington State University
003802	Western Washington University
West Virginia	
003815	Marshall University
003818	University of Charleston
003827	West Virginia University
Wisconsin	
003838	Carroll College
003863	Marquette University
003892	St. Norbert College
003895	University of Wisconsin, Madison
003896	University of Wisconsin, Milwaukee
003899	University of Wisconsin, Green Bay
003917	University of Wisconsin, Eau Claire
003918	University of Wisconsin, LaCrosse
003921	University of Wisconsin, Platteville
003924	University of Wisconsin, Stevens Point
003925	University of Wisconsin, Superior
003926	University of Wisconsin, Whitewater
Wyoming	
003932	University of Wyoming

APPENDIX D
DENTAL SCHOOLS TO RECEIVE OFFICIAL SCORES

Alabama		Louisiana	
02	University of Alabama at Birmingham School of Dentistry	36	Louisiana State University School of Dentistry
Arizona		Maryland	
03	Arizona School of Dentistry and Oral Health	38	University of Maryland Baltimore College of Dental Surgery
23	Midwestern University College of Dental Medicine	Massachusetts	
California		40	Harvard School of Dental Medicine
04	University of the Pacific Arthur A. Dugoni School of Dentistry	41	Boston University Goldman School of Dental Medicine
06	University of California, San Francisco School of Dentistry	42	Tufts University School of Dental Medicine
California		Michigan	
07	University of California, Los Angeles School of Dentistry	44	University of Detroit-Mercy School of Dentistry
08	University of Southern California School of Dentistry	46	University of Michigan School of Dentistry
Colorado		Minnesota	
10	Loma Linda University School of Dentistry	48	University of Minnesota School of Dentistry
15	Western University of Health Sciences College of Dental Medicine	Mississippi	
Connecticut		49	University of Mississippi School of Dentistry
District of Columbia		Missouri	
11	University of Colorado Denver School of Dental Medicine	52	University of Missouri-Kansas City School of Dentistry
Florida		Nebraska	
12	University of Connecticut School of Dental Medicine	56	Creighton University School of Dentistry
Florida		58	University of Nebraska College of Dentistry
16	Howard University College of Dentistry	Nevada	
Georgia		68	University of Nevada, Las Vegas School of Dental Medicine
18	University of Florida College of Dentistry	New Jersey	
21	Nova Southeastern University College of Dental Medicine	60	University of Medicine and Dentistry of New Jersey New Jersey Dental School
Illinois		New York	
22	Medical College of Georgia School of Dentistry	62	Columbia University College of Dental Medicine
Illinois		64	New York University College of Dentistry
27	Southern Illinois University School of Dental Medicine	65	Stony Brook University School of Dental Medicine
28	University of Illinois at Chicago College of Dentistry	66	University of Buffalo School of Dental Medicine
29	Midwestern University, Illinois	North Carolina	
Indiana		70	University of North Carolina at Chapel Hill School of Dentistry
30	Indiana University School of Dentistry	91	East Carolina University
Iowa		Ohio	
32	University of Iowa College of Dentistry	72	The Ohio State University College of Dentistry
Kentucky		74	Case School of Dental Medicine
33	University of Kentucky College of Dentistry		
34	University of Louisville School of Dentistry		

Oklahoma		Canada	
76	University of Oklahoma College of Dentistry	X0	University of Saskatchewan College of Dentistry
Oregon		X1	University of Alberta Faculty of Medicine and Dentistry
78	Oregon Health & Science University School of Dentistry	X2	The University of British Columbia Faculty of Dentistry
Pennsylvania		X3	University of Manitoba Faculty of Dentistry
80	The Maurice H. Kornberg School of Dentistry, Temple University	X4	Dalhousie University Faculty of Dentistry
82	University of Pennsylvania School of Dental Medicine	X5	University of Toronto Faculty of Dentistry
84	University of Pittsburgh School of Dental Medicine	X6	The University of Western Ontario Schulich School of Medicine & Dentistry
Puerto Rico		X7	McGill University Faculty of Dentistry
99	University of Puerto Rico School of Dentistry	X8	Universite de Montreal Faculte De Medecine Dentaire
South Carolina		X9	Universite Laval Faculte De Medecine Dentaire
85	Medical University of South Carolina School of Dental Medicine		
86	Meharry Medical College School of Dentistry		
Tennessee			
88	University of Tennessee College of Dentistry		
Texas			
90	Baylor College of Dentistry		
92	University of Texas Health Science Center at Houston Dental Branch		
93	University of Texas Health Science Center at San Antonio Dental Branch		
Virginia			
94	Virginia Commonwealth University School of Dentistry		
Washington			
96	University of Washington School of Dentistry		
West Virginia			
97	University of West Virginia School of Dentistry		
98	Marquette University School of Dentistry		

APPENDIX E TEST SPECIFICATIONS

The DAT consists of the following four tests:

I. Survey of the Natural Sciences (100)

Biology (40)

Cell and Molecular Biology - origin of life, cell metabolism (including photosynthesis/enzymology, cellular processes, thermodynamics, organelle structure and function, mitosis/meiosis, cell structure, and experimental cell biology

Diversity of Life: Biological Organization and Relationship of Major Taxa (Six-Kingdom, Three-Domain System) – plantae, animalia, protista, fungi, eubacteria (bacteria), archae, etc.

Structure and Function of Systems - integumentary, skeletal, muscular, circulatory, immunological, digestive, respiratory, urinary, nervous/senses, endocrine, reproductive, etc.

Developmental Biology - fertilization, descriptive embryology, developmental mechanisms, and experimental embryology

Genetics - molecular genetics, human genetics, classical genetics, chromosomal genetics, and genetic technology

Evolution, Ecology, and Behavior - natural selection, population genetics/speciation, cladistics, population and community ecology, ecosystems, and animal behavior (including social behavior).

General Chemistry (30)

Stoichiometry and General Concepts - percent composition, empirical formulae, balancing equations, moles and molecular formulas, molar mass, density, and calculations from balanced equations

Gases - kinetic molecular theory of gases, Dalton's, Boyle's, Charles's, and ideal gas law

Liquids and Solids - intermolecular forces, phase changes, vapor pressure, structures, polarity, and properties

Solutions - polarity, properties (colligative, non-colligative), forces, and concentration calculations

Acids and Bases - pH, strength, Brønsted-Lowry reactions, and calculations

Chemical Equilibria - molecular, acid/base, precipitation, calculations, and Le Chatelier's principle

Thermodynamics and Thermochemistry - laws of thermodynamics, Hess's law, spontaneity, enthalpies and entropies, and heat transfer

Chemical Kinetics - rate laws, activation energy, and half-life

Oxidation-Reduction Reactions - balancing equations, determination of oxidation numbers, electrochemical calculations, and electrochemical concepts and terminology

Atomic and Molecular Structure - electron configuration, orbital types, Lewis-Dot diagrams, atomic theory, quantum theory, molecular geometry, bond types, and sub-atomic particles

Periodic Properties - representative elements, transition elements, periodic trends, and descriptive chemistry

Nuclear Reactions - balancing equations, binding energy, decay processes, particles, and terminology

Laboratory - basic techniques, equipment, error analysis, safety, and data analysis

Organic Chemistry (30)

Mechanisms: Energetics, and Structure - elimination, addition, free radical, substitution mechanisms, and other

Chemical and Physical Properties of Molecules - spectroscopy (^1H NMR, ^{13}C NMR, infrared, and multi-spectra), structure (polarity, intermolecular forces (solubility, melting/boiling point, etc.), and laboratory theory and techniques (i.e. TLC, separations, etc.)

Stereochemistry (structure evaluation) - chirality, isomer relationships, and conformations

Nomenclature - IUPAC rules and functional groups in molecules

Individual Reactions of the Major Functional Groups and Combinations of Reactions to Synthesize Compounds - alkene/alkyne, aromatic, substitution/elimination, aldehyde/ketone, carboxylic acids and derivatives, and other For each area listed above, the following sub-areas apply: general, one-step, and multi-step.

Acid-Base Chemistry - ranking acidity/basicity (structure analysis and pH/pKa data analysis), and prediction of products and equilibria

Aromatics and Bonding - concept of aromaticity, resonance, atomic/molecular orbitals, hybridization, and bond angles/lengths.

II. Perceptual Ability (90)

The Perceptual Ability Test is comprised of six subtests: 1.) apertures, 2.) view recognition, 3.) angle discrimination, 4.) paper folding, 5.) cube counting, and 6.) 3D form development.

III. Reading Comprehension (50)

The Reading Comprehension Test contains three reading passages on various scientific topics. Prior understanding of the science topics is not a prerequisite to answering the test items. The reading passages require the ability to read, comprehend, and analyze thoroughly basic scientific information.

IV. Quantitative Reasoning (40)

(Calculator available on computer screen, effective 3/2/2010; see image below)

Mathematical Problems - Algebra (equations and expressions, inequalities, exponential notation, absolute value, ratios and proportions, and graphical analysis); *Numerical calculations* (fractions and decimals, percentages, approximations, and scientific notation); *Conversions* (temperature, time, weight, and distance); *Probability and Statistics*; *Geometry*; and *Trigonometry*

Applied Mathematics (Word) Problems

