

## Atta Deep Bhav!

Feb 15<sup>th</sup>, 2002  
USA

Dear Friends,  
Jai Bheem.

“Atta Deep Bhav!” is a new monthly news article starting from May 15<sup>th</sup> 2001 and will come to you every 15<sup>th</sup> day of the month. As the name means, “Be Thy Own Light!” this is the article for Indian Buddhist students who are willing to follow the path of “Atta Deep Bhav!” in life. We are pleased and honored to start this article for the following objectives.

### Objectives:

*To encourage as many Indian Buddhist students as possible, to get a good job in the United States of America and overseas.*

*To give them an overview of the trends around and the coming opportunities.*

To achieve these objectives, we have an earnest and sincere desire to give correct, complete and very useful information about the current career trends in any field, mainly focussing on Computer and Information Technology.

### First few Lines from our Desk...

To every single Buddhist student in India, we wish to convey through this article that though we work here, very far from India, we care for you all. We will do our best possible to provide you with good information. But one very important thing you all need to keep in mind: It is you who should take a deep and enthusiastic interest to make your own individual career dreams true. It is you who needs to strive hard to achieve success.

Finally, with the thought that the heart of every Buddhist student will beat in sympathy for every other Buddhist student and with the hope that you will share this information with as many Buddhist students as possible.

Depending upon the suggestions and response from the readers, we are wholeheartedly open for making changes but within the framework of making this article a powerful source of right career related information for Indian Buddhist students.

(Get online source of Atta Deep Bhav! at: <http://www.ambedkar.org/adb/>)

With much Metta,  
Pankaj Meshram  
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## Atta Deep Bhav!

### Thus Spoke Ambedkar:

#### Freedom of mind!

What is the proof to judge that the flame of mental freedom is not extinguished in the mind of person? To whom can we say that his mind is free?

I call him free who with his conscience awake realizes his rights, responsibilities and duties. He who is not a slave of circumstances and is always ready and striving to change them in his favor, I call him free. One who is not a slave of usage, customs, of meaningless rituals and ceremonies, of superstitions and traditions, whose flame of reason has not been extinguished; I call him a free man. He who has not surrendered his free will and abdicated his intelligence and independent thinking, who does not blindly act on the teachings of others, who does not blindly accept anything without critically analyzing and examining its veracity and usefulness, who is always prepared to protect his rights, who is not afraid of ridicule and unjust public criticism, who has a sound conscience and self-respect so as not become a tool in the hands of others, I call him a free man. He who does not lead his life under the direction of others, who sets his own goal of life according to his own reasoning and decides for himself as to how and in what way life should be lead, is a free man. In short, who is a master of his own free will, him alone I call a free man.

*Dr. B. R. Ambedkar*

### Scholastic Aptitude Test (SAT):

Studies overseas are getting increasingly important following the growing difficulty in finding jobs in India and growing saturation in the field of Engineering and most recently software in India. There have been a lot of students passing B.E. and opting for GRE or the MTech/ME pass outs going for Ph.D. in United States. But there has been little attention to SAT exam, which is opens door to the undergraduate studies in United States.

The purpose of the document presented hereinafter is to give an introduction to

- SAT Exam what is it about?
- Format of Examination
- How to Apply
- Schedules

Scholastic Aptitude Test technically known as the SAT-I is a general test of verbal and quantitative reasoning accepted for U. S. College admissions. The test is required for admission to undergraduate programs of most US universities. Many universities also require you to take SAT-II tests.

### SAT Eligibility:

Anyone and everyone interested are eligible for taking the SAT. The SAT test scores are valid for **Five** years i.e. most universities accept scores up to five years old. There are two levels of the tests viz. SAT-I and SAT-II. Mostly, SAT-I score is acceptable unless otherwise, the universities specifically asking for SAT-II score as well.

**SAT-I**

The SAT-I is a three-hour, primarily multiple-choice test that measures verbal and mathematical reasoning abilities that develop over time. Most colleges require SAT-I score for admission. The exam is divided into seven sections.

The following table gives out the format of the SAT-I:

Section	Type of Question	Total Questions	Timing
Verbal	Sentence Completion - 10 questions Analogy Questions - 13 questions Critical Reading - 12 questions	35 questions	30 minutes
Verbal	Sentence Completion - 9 questions Analogy Questions - 6 questions Critical Reading – 15 questions	30 questions	30 minutes
Verbal	Critical reading questions on paired passages	13 questions	15 minutes
Mathematics	Multiple Choice – 25	25 questions	30 minutes
Mathematics	Quantitative Comparisons – 15 Student-produced-response Questions - 10	25 questions	30 minutes
Mathematics	Multiple Choice Questions – 10	10 questions	15 minutes
Experimental	Either verbal or Mathematics section	varies	30 minutes
<b>Total</b>		<b>138 +</b>	<b>3 hours</b>

**Format of the writing Examination in SAT-I:**

SAT-I is mostly a reasoning test. Question types for SAT-I has three types of verbal questions:

1. Analogies (19 questions)
2. Sentence completions (19 questions)
3. Critical reading (40 questions)

The section on Analogy questions is intended to measure your:

- Knowledge of the meanings of words
- Ability to see a relationship in a pair of words
- Ability to recognize a similar or parallel relationship

**Example for Analogy:**

Q. The question that follows consists of a related pair of words or phrases followed by five pairs of words or phrases. Select the pair that *best* expresses a relationship similar to that expressed in the original pair.

**ARCHIVE : DOCUMENTS ::**

1. Museum : Artifacts
2. Orchestra : Instruments
3. Courthouse : Sentences
4. Theater : Performances
5. Library : Borrowers

Ans.: Option 1, Just as an archive is a place where documents are housed and preserved, so is a museum a place where artifacts are housed and preserved.

The section on Sentence completion questions is intended measure your:

- Knowledge of the meanings of words
- Ability to understand how the different parts of a sentence logically fit together
- Critical reading questions measure your:
- Ability to read and think carefully about a single reading passage or a pair of related passages

Three types of math questions are used on the SAT-I:

Five-choice multiple-choice (35 questions)

Four-choice quantitative comparison (15 questions that emphasize the concepts of equalities, inequalities, and estimation)

Student-produced response (10 questions that have no answer choices provided)

**Math concepts you should know:**

- Arithmetic:** application problems involving simple addition, subtraction, multiplication, and division; percent; data interpretation (including mean, median, mode); odd and even numbers; prime numbers; divisibility
- Algebra:** negative numbers; substitution; simplifying algebraic expressions; solving word problems; simple factoring; linear equations; inequalities; positive integer exponents; roots of numbers; sequences
- Geometry:** area and perimeter of a polygon; area and circumference of a circle; volume of a box, cube, and cylinder; Pythagorean Theorem and special properties of isosceles, equilateral, and right triangles;  $30^\circ - 60^\circ - 90^\circ$  and  $45^\circ - 45^\circ - 90^\circ$  triangles; properties of parallel and perpendicular lines; simple coordinate geometry; slope; similarity; geometric visualization
- Other:** logical reasoning; newly defined symbols that are based on commonly used symbols and operations; probability and counting

**SAT-II: Subject Tests**

The SAT-II subject tests are one hour, primarily multiple-choice tests that measure your knowledge of particular subjects and your ability to apply that knowledge. Many universities may require you to take this along with SAT-I.

Many colleges require you take one or more of the following subjects

Writing, Literature, American History and Social Studies, World History, Math IC, Math IIC, Biology, Biology E/M, Chemistry, Physics, Chinese Listening, French Reading, French Listening, German Reading, German Listening, Modern Hebrew, Italian, Japanese Listening, Korean Listening, Latin, Spanish Listening, Spanish Reading, English Language Proficiency

It is suggested that the students in India may take writing subject or the science subjects like Physics, Chemistry or Biology etc.

**Format of the writing Examination in SAT –II:**

The purpose of the writing test is to Express ideas effectively in standard written English using appropriate organization, word choice and sequence structure, Recognize and correct faults in usage and structure.

This one-hour subject test includes

**20-min essay:** The essay, which is an assigned topic, does not require special knowledge. It comprises one third of total score.

**60 multiple choice questions:** The multiple choice questions deal with the common writing problems such as begin consistence, expressing ideas logically, being clear and precise and following convention of standard written English

**Example for Writing Subject Tests Questions:**

*Identifying Error Type:*

In the following sentence identify the one underlined part that must be changed to make the sentences correct and fill the answer sheet with corresponding alphabet.

Few people can not hardly tell the difference between purple and fuchsia  
A B  
even when the samples of these related colors are place side by side. No error  
C D E

Answer Sheet: A B C D E

There are also questions related to improving paragraphs and improving sentences.

To get more practice of the type of questions you may visit:

<http://www.collegeboard.com/sat/html/students/indx001.html>

**Scores:**

Collegeboard has the provision of reporting your SAT scores to a maximum of four universities of your choice, the cost of which is built into the SAT fee you pay. You have to mention the universities to which you want to send the scores in the SAT application form. This implies that even before taking the SAT, you need to do some homework on which universities you're finally going to apply based on the score that you expect to attain. For reporting to each additional university, the Collegeboard charges you \$6.50 (approx. Rs. 280); payable by an international credit card or a dollar denominated draft.

**Scoring pattern:**

The SAT results comprise three different scores: totals score (400-1600), a separate score for Verbal section (200-800) and a separate score for Mathematics section (200-800).

**Registration:**

For registering online for the SAT course you just need to go to <http://www.collegeboard.com>, create a user name for yourself and sign in, so you can save your information as you go along. You'll need a Visa, MasterCard, Discover, JCB or American Express credit card to complete your registration.

**SAT Administrations:**

The SAT is developed and administered by the US-based "College Entrance Examination Board". This implies that Collegeboard sets the questions, conducts the test, and sends each examinee the score report.

In India, SAT is conducted at the following cities: Bangalore, Calcutta, Cochin, Chennai, Hyderabad, Kodaikanal, Mumbai, Mussoorie, New Delhi, and Pune

SAT is held about 6-7 times a year. The 2000-2002 testing calendar is displayed here.

Test Date	Tests	Registration Deadline
March 16, 2002	SAT I only	February 8, 2002
May 4, 2002	SAT I and SAT II	March 29, 2002
June 1, 2002	SAT-I and SAT-II	April 26, 2002

**SAT Test Dates:**

Test Date	Tests	Registration Deadline
January 26, 2002	SAT-I and SAT-II	December 21, 2001
May 4, 2002	SAT I and SAT II	March 29, 2002
June 1, 2002	SAT-I and SAT-II	April 26, 2002

**SAT Centers:**

City	Center Code	Place
Bangalore	63-100	Bishop Cotton Boys' School
Calcutta	63-120	Assembly of God Church School
Calcutta	63-127	USEFI
Chennai	63-175	USEFI
Cochin	63-130	Sacred Heart College
Hyderabad	63-131	Little Flower Jr. College
Kodaikanal	63-166	Kodaikanal International School
Mumbai	63-108	Sir J.J. Girls High School
Mumbai	63-107	Teachers' Training School
Mussoorie	63-190	Woodstock School
New Delhi	63-200	American Emb. School
New Delhi	63-202	USEFI
Pune	63-235	Poona University

**Registration Fees: SAT-I**

Costs of the Exam will vary, depending on the exam/s and services you order. The fee for the SAT-I: Reasoning Test is \$25.00. The fee for the SAT-II: Subject Tests is \$14.00 plus the cost of each Subject Test you take (\$11.00 for the Writing Test, \$8.00 for Language Tests with Listening, and \$6.00 for all other Subject Tests). There is a \$15 International processing fee for students testing outside of the United States, U.S territories, and Puerto Rico. Extras, such as the Student Answer Service, and penalties, such as the late registration fee, will also change your total costs.

Registration Fees	\$25.00
International processing fee	\$15.00
Security surcharge to test in India	\$15.00
Total Amount	\$ 54.00
Late registration fee (If registering late, add this amount)	\$15.00
Fax registration fee (If registering by fax, add this amount)	\$ 5.00

**SAT-II**

Registration Fees	\$14.00
International processing fee	\$15.00
Security surcharge to test in India	\$15.00
Writing Test (If taken)	\$11.00
Language Tests with Listening (If taken)	\$ 8.00
All other Subject Tests (per subject)	\$ 6.00 each
<b>Others</b>	
Late registration fee (If registering late, add this amount)	\$15.00
Fax registration fee (If registering by fax, add this amount)	\$ 5.00

**Mode of payment:**

Any mode of payment of the following is acceptable.

1. Credit Card - Visa, MasterCard or American Express
2. Bank Draft (**Dollar Draft, not Indian Rupees**)
3. Check Drawn on a U.S. Bank
4. United States Postal Service Money Order
5. International Money Order
6. UNESCO Coupon
7. Postal Reply Coupon

**How to apply:**

There are three common ways of registering for SAT:

**By mail:** Obtain the "SAT Information Bulletin" available free with USEFI offices or from collegeboard website at <http://www.collegeboard.com>. Fill in the form, get the draft made (if you are not paying by credit card), and use the envelope provided with the form to mail these to:

College Board SAT Program  
Princeton, NJ 08541,  
USA

**By Fax (Credit Card required):** Fill up the form and write your credit card number in the space provided and fax the form to: **001 609 683 1234**. Please don't forget to add \$5 extra to the test fee for fax registration. The form can be downloaded at <http://www.collegeboard.com>

**Online Registration (Credit Card required):** Fill up the form online at <http://www.collegeboard.com>. And mention your credit card number. This is the easiest way to register for SAT.

**Reference:**

For any more information about SAT can be obtained at the following web sites:  
Contrary, as usual, you can mail us and we will try to get the information for you.

<http://www.collegeboard.com>

<http://www.infozee.com/indiatimes/tests/sat/about-sat.htm>

**The information about SAT exams is gaining more and more importance for students and parents as well with the type and quality of education people want for their kids. Since SAT opens the door for overseas education for undergraduate, this information should be treated equally well and on priority with information about different engineering branches, Engineering colleges, Medical colleges and the entrance examination for Engineering and Medical. Those who remain ignorant about the time and information are surely bound to leave behind. Doing under graduation studies in USA is now getting equal momentum as doing M.S. or Ph.D. in USA after Graduation. On the contrary, this is more advantageous and more quality education for better tomorrow.**