

SAT 1 MATH PREP

As no test can measure all aspects of a person's intelligence, the SAT measures those skills deemed most critical to a new college student. Your SAT score is one of the most critical elements to your qualification for college school, so it is naturally much too important for you to take this test well prepared. The higher your SAT score, the better your chances of admission will be for a respected, competitive college / university. The purpose of this course, is to make sure that you're able to achieve the best possible state of preparation, allowing you to maximize your score potential.

Starting Date:
September 2, 2019
Monday, Wednesday & Friday
6:00 PM to 7:30 PM
@IBA Main Campus

Training Fee PKR 30,000/-
Tax: 5%
Total Investment:
PKR 31,500

Skills Development Program

Adding Skills to Experience

Trainer's Profile

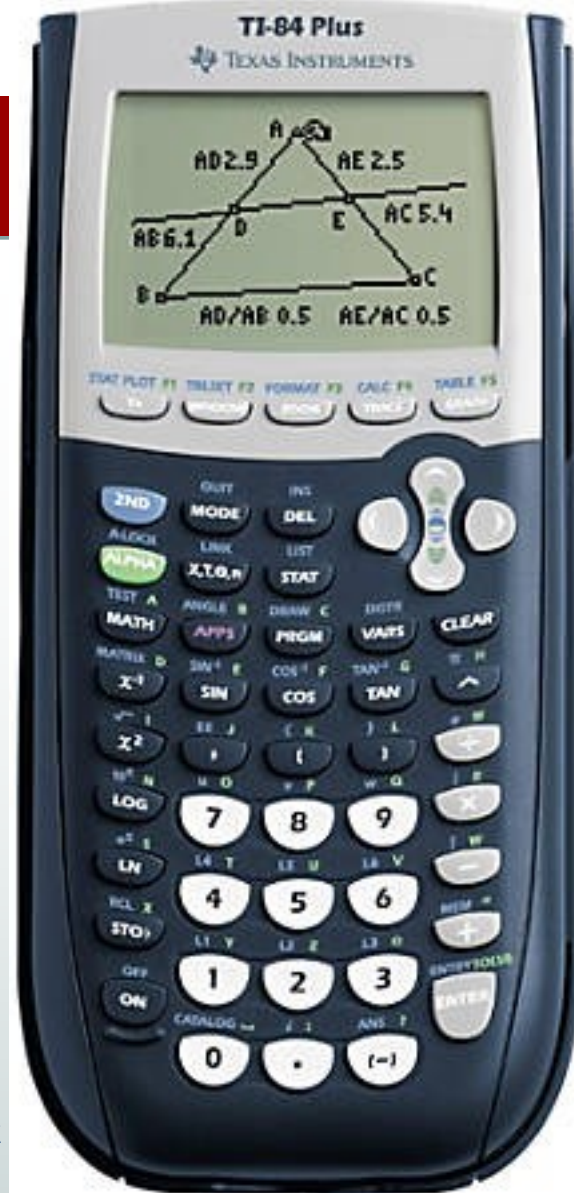
Professor Dr. Nasir Touheed

Professor Dr. Nasir Touheed holds two MS degrees (OR and Mathematics) from UCLA and a PhD degree (in the Computer Science) from University of Leeds, UK. At present he holds a dual appointment as a Professor in the department of Computer Science and in the Department of Mathematical Sciences at IBA. He has a teaching experience of more than 44 years at University level. He has successfully managed to run the IBA Testing Services Department for over nine years in the capacity of Coordinator of Testing Services Department of IBA.

The SAT requires you to think in a thorough, quick and strategic manner...and still be accurate, logical and wise.

There are different strategies, mindsets and perspectives that you will be required to apply throughout the SAT. You'll need to be prepared to use your whole brain as far as thinking and assessment is concerned, and you'll need to do this in a timely manner. This is not something you can learn from taking a course or reading a book, but it is something you can develop through practice and concentration.

This course will provide you with the professional instruction you require for understanding the traditional SAT test. Covered are all aspects of the test and preparation procedures that you will require throughout the process. Upon completion of this course, you'll have the confidence and knowledge you need for maximizing your performance on your SAT.



1	Quadratic and Polynomial Equations.
2	Inequalities: Linear and Absolute value Inequalities.
3	Arithmetic, Different type of number subsystems.
4	Verbal problems involving Fractions and Percentage.
5	Discount and Commission. Profit and Loss, Taxes.
6	Direct, Inverse and Joint Variation.
7	Functions, Domain and Range of Functions, Graphs.
8	Reflection, Translation, Even, Odd, Composition and Inverse of functions.
9	Finding the Maximum and Minimum of a Functions. Roots of the Quadratic equation.
10	Problems of Coin, Consecutive Integers, Age and Investment.
11	Problems of Average, Weighted Averages, Fractions and Mixtures.
12	Problems of Motion and Work. Plane Geometry, Lines and Angles.
13	Parallel Lines cut by Transversal, Properties and Types of Triangles.
14	Congruent Triangles, Area and Perimeter of Triangles. Area and Perimeter of Polygons. Properties of Circles.
15	Medians, Altitudes, and Angle Bisectors. Coordinate Geometry. Equation of Lines and Circles. Trigonometric Ratios and Identities.
16	Arithmetic and Geometric Sequences. Patterns. Mean, Median, Mode and Standard De- viation.
17	Counting and Probability. Permutations and Combinations. Venn Diagram.
18	Sample Space and Event. Dependent and Independent Events.
19	Solid Geometry. Rectangular Solid. Cylinders. Cones. Spheres. Pyramid.
20	Exponential and Logarithm Functions.
21	Trigonometric Functions of Any Angle. Signs of Trigonometric Functions. Reference Angles. Periodicity of Functions.
22	Radian Measures. Law of Cosines and Sines.
23	Binomial Theorem. Set Theory. (Union, Intersection.)

Outline

Participant Profile

This course is for those students of A-level / Intermediate stream who are seeking admissions in undergraduate degree programs offered by various Colleges / universities of high repute.

For Registrations

Skills Development Programs
Center for Executive Education
Institute of Business Administration
Ph.: 021-38104700-01
Ext: 1801, 1811, 1813, 1541
Email: BESDP@iba.edu.pk
Website: <http://sdp.iba.edu.pk>