

# BIITSAT

## Bhashyam's IIT Scholarship and Aptitude Test - 2011



Date of Examination :	13 <sup>th</sup> January - 2011 ( Thursday )
Time of Examination :	10.00 a.m. to 1.00 p.m. ( 3 Hrs.)
Classes :	5 <sup>th</sup> to 10 <sup>th</sup> Classes
Marks & Pattern :	100 Marks - OMR System 100 Multiple Choice Questions One Correct Answer - No Negative Marks
Subjects :	Mathematics, Science (Physics & Chemistry), Mental Ability

### SCHOLARSHIP DETAILS :

From each class 250 best students who get qualified in our BIITSAT will be given free hostel facility and expert coaching for one week.

Our expert team will give BIIT material, hold classes and clear the doubts of the students in study hours for one week in the month of April in our exclusive BIIT Foundation campus. These students will have to qualify our second level test which will be held immediately after the above said classes and training for one week.

Exam Fee : Rs. 50/-

# Win Amazing Prizes



I-Prize (Laptop-6)



II-Prize (Desktop-6)



III-Prize (D.Camera-6)



IV-Prize (i-pod-6)



V-Prize (DVD Player-6)

- \* Laptops \* Desktops
- \* Digital Cameras \* i-pods
- \* D.V.D Players
- \* 25%-100% fee concession

# SYLLABUS

Class	Mathematics	Physics	Chemistry
<b>V - VI</b>	<ol style="list-style-type: none"> <li>1. Numeration - Notation</li> <li>2. Addition - Substraction</li> <li>3. Multiplication - Division</li> <li>4. Test of Divisibility</li> <li>5. Fractions</li> <li>6. Decimals</li> </ol>	<ol style="list-style-type: none"> <li>1. Our Body - Health - Hygiene</li> <li>2. My Family</li> <li>3. Work &amp; Play</li> <li>4. Plants &amp; Animals</li> <li>5. Our Food</li> </ol>	
<b>VI - VII</b>	<ol style="list-style-type: none"> <li>1. Number &amp; Number system, Integers, Rational numbers</li> <li>2. Algebra</li> <li>3. Ratio and Proportion</li> </ol>	<ol style="list-style-type: none"> <li>1. Materials</li> <li>2. Measurement</li> <li>3. How do the things work</li> <li>4. Natural Phenomena</li> </ol>	
<b>VII - VIII</b>	<ol style="list-style-type: none"> <li>1. Special Products &amp; Expansions</li> <li>2. Algebraic Expressions</li> <li>3. Exponents &amp; Powers</li> <li>4. Triangles</li> <li>5. Real Numbers</li> </ol>	<ol style="list-style-type: none"> <li>1. Measurement</li> <li>2. Work &amp; Energy</li> </ol>	<ol style="list-style-type: none"> <li>1. Matter and its Properties</li> <li>2. Symbols, Formulae &amp; Chemical Equations</li> <li>3. Water</li> </ol>
<b>VIII - IX</b>	<ol style="list-style-type: none"> <li>1. Mensuration</li> <li>2. Sets</li> <li>3. Exponents</li> <li>4. Polynomials</li> <li>5. Factorization</li> </ol>	<ol style="list-style-type: none"> <li>1. Measurement</li> <li>2. Kinematics</li> <li>3. Dynamics</li> <li>4. Fluid Pressure</li> <li>5. Heat</li> </ol>	<ol style="list-style-type: none"> <li>1. Matter and its Properties</li> <li>2. Symbols and formulae</li> <li>3. Chemical Changes &amp; Chemical Equations</li> <li>4. Laws of Chemical Combinations</li> </ol>
<b>IX - X</b>	<ol style="list-style-type: none"> <li>1. Surds</li> <li>2. Revision of Exponents &amp; Algebraic Expressions</li> <li>3. Square roots of Algebraic Expressions</li> <li>4. Sets</li> <li>5. Linear Equations</li> </ol>	<ol style="list-style-type: none"> <li>1. Measurement</li> <li>2. Kinematics</li> <li>3. Dynamics</li> <li>4. Fluid Pressure</li> <li>5. Heat</li> <li>6. Wave Motion</li> <li>7. Sound</li> </ol>	<ol style="list-style-type: none"> <li>1. Behaviour of Gases</li> <li>2. Atomic Structure</li> <li>3. Chemical Bonding</li> <li>4. Chemical Calculations</li> </ol>
<b>X - Inter</b>	<ol style="list-style-type: none"> <li>1. Sets</li> <li>2. Polynomials</li> <li>3. Real Numbers</li> <li>4. Analytical Geometry</li> <li>5. Trigonometry</li> </ol>	<ol style="list-style-type: none"> <li>1. Measurement of Length</li> <li>2. Kinematics</li> <li>3. Dynamics</li> <li>4. Sound</li> <li>5. Magnetism</li> </ol>	<ol style="list-style-type: none"> <li>1. Atomic Structure</li> <li>2. Chemical Bonding</li> <li>3. Solutions</li> <li>4. Acids, Bases &amp; Salts</li> </ol>



Bhashyam's IIT Foundation Academy

**BHASHYAM**<sup>®</sup>  
**EDUCATIONAL INSTITUTIONS**

Andhra Pradesh

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