

BITSAT-2011

A Computer Based Online Test for Admission to Integrated First Degree programmes of BITS, Pilani, 2011-2012

BITSAT Online Tests

Admissions to Integrated first degree programmes, at Pilani campus, Goa campus and Hyderabad Campus for I Semester 2011-2012 will be made through a computer based online test conducted by BITS. This test is referred to as '**BITS Admission Test**', in short as ***BITSAT***.

BITSAT 2011 Important Dates

Deadline to apply for BITSAT-2011 by submitting a printout of the completed form to the undersigned is 5.00 p.m. on **31st January, 2011**

The test will be conducted between **11th May - 10th June, 2011**

In addition to applying and appearing for [BITSAT-2011](#), candidates will have to apply for admission to BITS through a separate application form for seeking admission to programmes offered at Pilani, Goa and Hyderabad campuses along with the details of the 12th class marks. The prescribed application form, the detailed application procedure and the final list of degree programmes offered will be available by 20th May, 2011 on the BITS website

1. Integrated First Degree Programmes to which admissions will be made on the basis of BITSAT-2010:

Integrated first degree programmes

B.E. (Hons): Chemical Engineering (Pilani, Goa, Hyderabad); Civil Engineering (Pilani, Hyderabad); Computer Science (Pilani, Goa, Hyderabad); Electrical and Electronics Engineering (Pilani, Goa, Hyderabad); Electronics and Communication Engineering (Hyderabad); Electronics and Instrumentation Engineering (Pilani, Goa); Mechanical Engineering (Pilani, Goa, Hyderabad); Manufacturing Engineering (Pilani)

B.Pharm (Hons) (Pilani)

M.Sc (Hons): Biological Sciences (Pilani, Goa, Hyderabad); Chemistry (Pilani, Goa, Hyderabad); Economics (Pilani, Goa, Hyderabad); Mathematics (Pilani, Goa, Hyderabad); Physics (Pilani, Goa, Hyderabad)

M.Sc (Tech): General Studies (Pilani); Finance (Pilani); Information System (Pilani, Goa, Hyderabad)

Note: *All students admitted to M.Sc(Hons.) programmes are given an option to work for a second degree for one of the B.E. (Hons.)/B.Pharm.(Hons.) programmes under the dual degree scheme, assignment being made by competition on their performance at BITS at the end of first year, separately in Pilani, Goa and Hyderabad campuses. Under this scheme, a student normally requires five years to complete both the degrees and is awarded both the degrees, namely M.Sc.(Hons.) and B.E.(Hons.)/B.Pharm.(Hons.)*

2. BITSAT Eligibility:

Eligibility criteria: For admission to any of the above integrated first degree programmes the candidate should have passed the 12th class examination of 10+2 system from a recognized central or state board or its equivalent with Physics, Chemistry and Mathematics

Further, the candidate should have obtained a minimum of 80% aggregate marks in Physics, Chemistry and Mathematics subjects in 12th class examination, at least 60% marks in each of Physics, Chemistry, and Mathematics subjects and adequate proficiency in English

However, admissions will be made only on his/her merit position based on the score obtained in BITSAT-2011

Only students who are appearing for 12th class examination in 2011 or who have passed the 12th class examination in 2010 are eligible to appear for BITSAT-2011

Students who are presently studying in BITS at any of its campuses are not eligible to appear for BITSAT-2011

Direct admission to board toppers

Students who obtain first rank in any central or state level board exam in India held in the year 2011 will be given direct admission to the programme of their choice, irrespective of their BITSAT-2011 score subject to fulfilling the eligibility criteria mentioned above

In addition to applying and appearing for BITSAT-2011, candidates will have to apply for admission to BITS through a separate application form for seeking admission to programmes offered at Pilani, Goa and Hyderabad campuses along with the details of the 12th class marks. The prescribed application form, the detailed application procedure and the final list of degree programmes offered will be available by 20th May, 2011 on the BITS website www.bitsadmission.com

3. BITSAT Test Details

‘Computer Based Online test’ means the candidate sits in front of a computer and the questions are presented on the computer monitor and the candidate answers the questions on the computer through the use of keyboard or mouse. Each computer is connected to a server, which prepares the question set and delivers it to the candidate on the computer. This is unlike the traditional paper-pencil based test, which is generally offered on a single day to all candidates. **BITSAT-**

2011 will be offered over a period of time and the candidate can choose the Center, the Day and Time of his/her convenience to take the test, as described in the later sections.

BITSAT-2011 Test Format

BITSAT-2010 will be of total 3-hour duration (without break). The test consists of four parts:

- Part I : Physics
- Part II : Chemistry
- Part III : (a) English Proficiency and (b) Logical Reasoning
- Part IV : Mathematics

All questions are of objective type (multiple choice questions); each question with choice of four answers, only one being correct choice. Each correct answer fetches 3 marks, while each incorrect answer has a penalty of 1 mark. No marks are awarded for not attempted questions. While the candidate can skip a question, the computer will not allow the candidate to choose more than one option as correct answer.

There will be 150 questions in all. The number of questions in each part is as follows:

	Subject	No of questions
Part I	Physics	40
Part II	Chemistry	40
Part III	(a) English Proficiency	15
	(b) Logical Reasoning	10
Part IV	Mathematics	45
	Total:	150

There is no time limit for individual parts of the test. The candidate can go back and change any of his/her answers among the 150 questions.

If a candidate answers all the 150 questions (without skipping any question), the candidate will have an option of attempting 12 (twelve) extra questions, if there is still time left. These extra questions will be from Physics, Chemistry, Mathematics only; four questions from each part. Further, once the candidate has opted for extra questions, he cannot go back for correction of any of the earlier answered 150 questions.

The questions are so designed that a good student will be able to answer 150 questions in 180 minutes. The extra questions (a maximum of 12) will give a chance to highly meritorious candidates to score higher. However, candidates should keep in mind the fact that there is **negative marking for wrong answers** and any attempt to answer the questions by pure guessing

of the answers is not likely to have any advantage, but may result in a reduction in the total score.

The questions will be selected at random from a large question bank. Different candidates will get different question sets. An expert committee will ensure that the question sets are of comparable difficulty level, content, question type etc. In this matter, the decision of the expert committee will be final and binding on the candidate.

All the questions and instructions of the test will be in English only. Candidates should bring a pen for the purpose of rough work, signing etc. Blank sheets for rough work will be provided, if required. Calculators and logarithmic tables are not allowed in the test centers. Candidates are not allowed to bring any other personal belongings such as mobiles.

Each candidate who registers for **BITSAT-2011** will be instructed to download a '**Hall Ticket**'. Candidates with the hall ticket only will be allowed inside the Test centers. All centers are closely monitored for security and candidates' identity and activities will be recorded using web cameras and/or closed circuit TV cameras. Anyone violating the rules of the test center will not be allowed to continue with the test and will automatically be disqualified.

BITSAT 2011 Syllabus:

The BITSAT-2011 test will be conducted on the basis of NCERT syllabus for 11th and 12th class. The detailed syllabus is given in the Annexure. Candidates may refer to the NCERT text books for the contents. A sample test will be made available to the registered candidates at the BITS website on which he/she can practice as many times as desired. [BITSAT 2011 Syllabus](#)

How to Apply for BITSAT 2011

How to apply: Interested candidates should register for BITSAT-2011 by applying in the prescribed application form at www.bitsadmission.com

The print out of the filled form along with the prescribed fees of Rs 1500/- (Rs 1000/- for female candidates) should be sent to admission officer, BITS, Pilani-333031

Options for payment of fees are given at the website

Deadline to apply for BITSAT-2011 by submitting a printout of the completed form to the undersigned is 5.00 p.m. on **31st January, 2011**

BITSAT-2011: It is a 3 hour test, offered to candidates on computers at dedicated centers in different cities in India and at the Dubai campus

The test will have objective type (multiple choices) questions only

The test will be conducted between **11th May - 10th June, 2011**

The syllabus and other details of the test are available in BITSAT-2011 brochure, which will be available from the website www.bitsadmission.com

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