



PRAHLADRAI DALMIA LIONS COLLEGE OF  
COMMERCE & ECONOMICS  
ISO 9001: 2015 Certified

**NOTICE**


Date: 23/3/2022

**B.Sc. (Information Technology)**


ATKT Internal/Practical Examination March 2022  
Semester II & Semester IV


**INSTRUCTIONS FOR THE STUDENTS HAVING ATKT  
IN INTERNALS / PRACTICALS**

1. Date of Submission of the Projects- 31st March, 2022 at 11am in Classroom T10.
2. Project/ assignment has to be handwritten on A4 size paper or Foolscap paper. On top of every page a student should write his name, Seat No. and Subject.
3. Students are expected to write the question followed by the answer.
4. On the date of submission there will be viva voce on the given questions. If the student does not submit his/her assignment/project or does not give his viva voce then he will be declared as **ABSENT**.
5. Any submission after the above mentioned date and time will not be accepted and entertained under any circumstance.
6. On the date of viva voce the dress code will be formal
7. Those students who had FILLED THE FORM & PAID THE FEES and still have NOT been allocated questions in the following list, please send a mail along with attachment of fee receipt to [bscit@dalmialionscollege.ac.in](mailto:bscit@dalmialionscollege.ac.in) on or before 25th March 2022 12.00 noon.

  
Prof. Rupali Mishra  
(Coordinator)

  
Prof. Durgesh Kenkre  
(Exam convener)

  
Prof. Subhashini Naikar  
(Vice- Principal, SFC)

  
Dr. Kiran Mane  
(I/c Principal)

DI/N-STD/GEN/00



Semester II

**Subject :Object Oriented Programming (Internal)**

Roll No	Name of the Student
128	SHAIKH IBRAHIM MD ALLAHUDDIN 1) Explain the concepts of Object Oriented Programming. 2) What are the different types of Inheritance? Explain . 3) What is method Overriding? Explain the concept with an example. 4) Define Abstract class. Give one example program to explain the concept.

**Subject :Object Oriented Programming (Practical)**

**Note : Write the answer with Aim, Code, and Output screenshot.**

Roll No	Name of the Student
128	SHAIKH IBRAHIM MD ALLAHUDDIN 1) Write a program to check whether a number is prime or not by accepting data from the user. 2) Write a program to perform the Matrix addition and Multiplication.
150	SINGH ABHINAV RANAPRATAP 1) Write a program to find the multiplication table of a number. 2) Write a program to find the largest and smallest number in a given array.

**Subject : Green Computing (Internal)**

Roll No	Name of the Student
128	SHAIKH IBRAHIM MD ALLAHUDDIN 1) Write a short note on going paperless. 2) Explain electronic data Interchange. 3) What are the different methods of staying green? Explain. 4) Write a note on changing the way of work to save the environment.

**Subject : Green Computing (Practical)**

**Note : Write the answer with Aim, Code, and Output screenshot.**

Roll No	Name of the Student
128	SHAIKH IBRAHIM MD ALLAHUDDIN 1) Create a word document on the topic "Minimizing power usages" 2) Write a detailed report on "Changing the way of work" with green in mind.

**Subject : Numerical and Statistical Methods (Internal)**

Roll No	Name of the Student
128	SHAIKH IBRAHIM MD ALLAHUDDIN 1) Write a short note on Linear optimization problems 2) What are Discrete and Continuous random variables? Explain. 3) Explain Binomial Distribution with an example. 4) Explain Runge-Kutta Method for 1st and 2nd Order Differential Equations.

**Subject :Numerical & Statistical Methods (Practical)**  
**Note : Write the answer with Aim, Code, and Output screenshot.**

Roll No	Name of the Student :
115	GUPTA SONALI RAJENDRA 1. Write a program for iterative calculation. 2. Write a program for Newton's forward interpolation.

Roll No	Name of the Student :
128	SHAIKH IBRAHIM MD ALLAHUDDIN 1. Program to solve algebraic and transcendental equations by Newton Raphson method. 2. Program for Lagrange's interpolation.

**Subject :Microprocessor Architecture (Internal)**

Roll No	Name of the Student : SHAIKH IBRAHIM MD ALLAHUDDIN
128	1. Write short note on Microprocessor instruction Set 2. Explain Microprocessor Architecture and its operations, Memory 3. Write short note on 8085 Microprocessor Architecture 4. Explain Basic Interfacing concepts

**Subject :Microprocessor Architecture (Practical)**

**Note : Write the answer with Aim, Code, and Output screenshot.**

Roll No	Name of the Student : SHAIKH IBRAHIM MD ALLAHUDDIN
128	<ol style="list-style-type: none"><li>1. Add the contents of memory locations 40001H and 4001H and place the result in the memory locations 4002H and 4003H.</li><li>2. Find the 1's complement of the number stored at memory location 4400H and store the complemented number at memory location 4300H..</li></ol>

**Subject :Web Programming (Practical)**

**Note : Write the answer with Aim, Code, and Output screenshot.**

Roll No	Name of the Student : SHAIKH IBRAHIM MD ALLAHUDDIN
128	<ol style="list-style-type: none"><li>1. Write a PHP program to accept a number from the user and print whether it is prime or not..</li><li>2. Design a web page demonstrating different conditional statements.</li></ol>

**Semester IV**

**Subject :Core Java (Practical)**

Roll No	Name of the Student
228	SHAIKH IBRAHIM MD ALIAHUDDIN <ol style="list-style-type: none"><li>1. Write a Java program that takes a number as input and prints its multiplication table upto 10.</li><li>2. Write a Java program to add two binary numbers.</li></ol>

**Subject : Software Engineering (Practical)**

Roll No	Name of the Student
228	SHAIKH IBRAHIM MD ALIAHUDDIN <ol style="list-style-type: none"><li>1. Explain ATM machine example with respect to State transition machine (Write Definition, symbols used and 1 example)</li><li>2. Explain Activity Diagram with an example. (Write Definition, symbols used and 1 example)</li></ol>