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

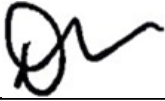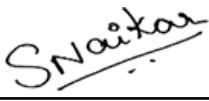**19th September, 2024**

ATKT Internal Examination
B.Sc.I.T. (SEMESTER-IV)
INSTRUCTIONS FOR THE STUDENTS HAVING ATKT IN INTERNALS / PRACTICALS

1. Date of Submission of the Projects- 28 September, 2024
2. Timings 1:30 PM to 2:30 PM. Reporting time for students: at least 10 minutes before the mentioned time. Venue: Computer Lab.
3. Students have to be present in person for the submission.
4. Internal project topics are also uploaded on the college website.
5. Submission of projects or assignments to be done on proper A4 size paper, handwritten by the candidate himself only. The Front page should contain details of Roll no, Name of the student, Semester, Subject.
6. Print out of the questions uploaded should be attached along with the project.
   Students should enclose a photocopy of the ATKT fee paid receipt along with each of his projects.
7. On the date of submission there will be a viva voce on the given questions/topics.
8. If the student fails to present himself on the given date and time he will be marked ABSENT for the said subject.
9. Any Submissions after the above mentioned date and time will not be accepted and entertained under any circumstances.

   NOTE - Student who has paid ATKT fees for internal component but has not been allotted questions or has any query is requested to contact Ms. Rupali Mishra on or before, 25 September 2024 by mailing on bscit@dalmialionscollege.ac.in

Ms. Rupali Mishra	CA. Durgesh Kenkre	Ms. Subhashini Naikar	Prof. (Dr.) D. N. Ganjewar
(Coordinator - BSc IT)	Exam Convener	Vice- Principal, SFC	(Principal)

DI/N-STD/GEN/00

INTERNAL EXAM QUESTIONS

CORE JAVA USIT401	223	**PANDEY KESHAV VINOD** **1.** Explain the life cycle of an applet with a suitable diagram. 2. What are the different ways of creating a new thread? Explain. 3. Does java support multiple inheritance? Justify. 4. Write a java program to accept one number from the user and print its multiplication table upto 10. 5. What do you understand about a local variable and an instance variable?	
CORE JAVA USIT401	249	**SHARMA VISHWAS BHARAT** 1. Explain any five predefined packages in java. 2. What is an abstract class? Explain with examples. 3. Define class? Write the general form to define class in java. 4. Explain file handling in java. 5. Explain the concept of data encapsulation in java.	
CORE JAVA USIT401	250	**PATHAK RAKESH MUKUND** 1. Distinguish between java application and applets. 2. Define error. What are the different types of errors? Explain. 3. What is inheritance? What are the characteristics of inheritance? 4. Define variables. Explain the scope of variables in java. 5. Write a java program to find the average of five numbers using an array.	
CORE JAVA USIT401	251	**GAVANDE MANDAR PUNDALIK** 1. Write a short note on event and event handling in java. 2. Enlist and explain any five commonly used event classes. 3. Explain the 'do-while' loop in java with an example. 4. Distinguish between C++ and Java programming languages. 5. Explain garbage collection in java.	
CORE JAVA USIT401	252	**YADAV GAURAV RAJBAHADUR** 1. Distinguish between method overloading and method overriding. 2. What are the different types of decision-making statements? Explain. 3. Define Layout Manager. Explain BorderLayout with an example. 4. What do you mean by data abstraction? 5. Explain about the JIT compiler of java,	
CORE JAVA USIT401	253	**KHOCHADE PRATHAMESH PRAKASH** 1. Write a program to implement the concept of multilevel inheritance. 2. What is a constructor? Explain characteristics of constructors. 3. Write a program in java to demonstrate try with multiple catch blocks in exception handling. 4. Explain the use of enumeration data type in java. 5. What are the differences between Heap and Stack Memory in java?	

CORE JAVA USIT401	256	PRAJAPATI YOGITA HARISHANKAR 1. Define operator. Explain increment and decrement operators with examples. 2. What are the different types of datatypes in java? Explain. 3. Write a short note on Java Virtual Machine (JVM) in java language. 4. Why is java platform an independent language? 5. What are the memory allocation methods used in java.

PRACTICAL EXAM QUESTIONS

CORE JAVA PRAC USIT4P1	265	SUTHAR DEEPAK BHAGIRATH 1. Why is Java platform Independence ? 2. Inheritance in java. and explain the types of inheritance in java. Write a program to inherit multiple inheritance. 3. Explain method overloading and method overriding. Explain superclass in Java.
SOFTWARE ENGINEERING PRACTICAL	213	JAISWAL YASH DINESH 1. Explain various 4 P's of software Engineering? State the explanation of Scrum. 2. What is Agile methodology ? Illustrate the quality of good design. 3. Draw and explain waterfall model, spiral model, Incremental mode, prototyping model in detail.