

i)	Describe the Exception Handling. Write java program to calculate factorial of a given number. Write a user defined exception to display proper message if number is negative.	08	CO4	C
ii)	Write a Java Program to create a Student Profile form using AWT controls.	08	CO5	C
iii)	Write a menu driven program to perform the following operations, after accepting 3 numbers from user. <ul style="list-style-type: none"> ○ to find largest of three given numbers ○ to find all the roots of quadratic equation 	8	CO1	C
Q.4	Solve any two questions out of three.	16		
i)	Define Inheritance and its types. Design a program to implement following class hierarchy. <div style="text-align: center; margin: 10px 0;"> <pre> graph TD Person[Person: name, code] --> Account[Account: salary] Account --> Admin[Admin: experience] </pre> </div>	8	CO3	C
ii)	Create a Java program to design a Login Form using JavaFX Controls.	8	CO6	C
iii)	Design a menu driven program to perform following operations on arraylist. <ul style="list-style-type: none"> ○ add element ○ delete element ○ search element ○ display elements 	8	CO2	C
