

4MCAP1: UML AND SOFTWARE TESTING TOOLS LAB

Total No. of Hours: 72

Hours/Week: 06

Choosing a case study draw the following diagrams using Star UML/Rational Rose:

Part – A (UML)	
1	Use case diagram
2	Class Diagram
3	Interaction Diagram
4	Sequence Diagram
5	Collaboration Diagram
6	State Diagram
7	Activity Diagram
8	Component Diagram
9	Deployment Diagram
Part – B (Software Testing)	
1	Consider a working system (e.g. ATM system) and study its specifications and report the various bugs.
2	Using Selenium IDE, Write a test suite containing minimum 4 test cases
3	Conduct a test suite for any two web sites
4	Install Selenium server and demonstrate it using a script in Java/PHP
5	Write and test a program to login a specific web page
6	Write and test a program to update 10 student records into table into Excel file
7	Write and test a program to select the number of students who have scored more than 60 in any one subject (or all subjects)
8	Write and test a program to provide total number of objects present / available on the page
9	Write and test a program to get the number of list items in a list / combo box
10	Write and test a program to count number of items present on a desktop

Scheme of Evaluation

Sections	Criteria	Marks
Part A	Case Study Analysis	10
	Execution	20
Part B	Writing ONE program	10
	Execution of ONE program	30
Total		70