Reg. No. :

Duration: Three hours   Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1.	Compare white box testing and black box testing	CO1 - U
2.	Infer about various Software Testing Principles	CO1 - U
3.	A user creates a calculator app to add two numbers such as 5 + 2. He gets the result as 3. Identify what kind of bug and eradicate the bug identified in the app?	CO2-AP
4.	Outline the goals of test planning	CO1 - U
5.	Summarize about model testing design	CO1 - U
6.	Compare data flow testing and path testing	CO1 - U
7.	Outline on Fail-Over Testing	CO1 - U
8.	Summarize the techniques that are used for web application testing?	CO1 - U
9.	Explain Automated Software Testing?	CO1 - U
10.	Infer, how will you locate the web element?	CO1 - U

PART – B (5 x 16= 80 Marks)

11. (a) Explain about Unit Testing and Integration Testing in Detail   CO1 - U   (16)

Or

(b) Explain about Software Testing Life Cycle in detail?   CO1 - U   (16)

12. (a) As a Developer Raja had done the Music Application. He needed CO2 App (16)
to test the application. What are the Goals he needed to test the
software and explain how he can test the software by using the
goals?

Or

(b) SAS Company has developed a Mobile Application project. They CO2 App (16)
wishes to test the Application for Identifying Bugs and make a
report for avoid the same bugs that occur in Future. Apply the
concept of Bug Identification and Reporting in the Application
and make a report to avoid bugs in future?

13. (a) Explain about Boundary Value Analysis and explain the methods CO1 - U (16)
such as Boundary Value Check, Robust testing, Worst – Case
testing and Robust worst case testing with Example?

Or

(b) Explain about Data Flow Testing with Example in Detail with its CO1 - U (16)
Advantages?

14. (a) Outline agile testing methodologies with relevant examples. CO1 - U (16)

Or

(b) Summarize performance testing and Explain the types of CO1 - U (16)
performance testing with example scenarios.

15. (a) Infer about Selenium Web Driver and it's Getting Started with CO1 - U (16)
Test Automation?

Or

(b) Outline on Locating Web Elements in software testing and CO1 - U (16)
Automation .Explain the ways of locating?

U8205