

Time:2Hrs

Maximum Marks: 50

Qn. No.	PART – A Answer all questions	Marks	BL	CO
1	Define custom assertion and explain it with an example.	3	L2	3
2	Explain the use of unit tests in testing phase of software development. ✓	3	L2	3
3	Differentiate between factory method and abstract factory method. ✓	3	L2	4
4	Discuss the concept of Anti-Pattern technique in design. ✓	3	L1	4
5	Explain the use of dataflow testing in software development. ✓	3	L2	5
6	Explain Refactoring method in Agile. ✓	3	L1	6
7	List out the characteristics of Agility in Agile frame work. ✓	3	L2	6
8	Compare pairwise and state transition testing.	3	L2	5
9	Explain the usability of version control. ✓	3	L2	6
10	Differentiate between continuous delivery and continuous deployment ✓	3	L1	7
	PART – B			
	MODULE-III			
11 a	Illustrate structural design strategy in design pattern of software development.	5	L2	4
	OR			
b	Explain assertions and expected error tests used in unit test?	5	L1	3
	MODULE IV			
12 a	Explain the different phases of SCRUM framework.	5	L1	6
	OR			
b	Briefly discuss any three testing methodologies.	5	L1	5
	MODULE-III/IV			
13a	Explain xUnit Architecture framework for unit testing.	5	L1	3
	OR			
b	Explain Automated Regression testing including its features.	5	L1	5

	MODULE-V			
14 a	Explain the strategy for implementing continuous Integration in software configuration management.	5	L2	7
b	<p style="text-align: center;">OR</p> Illustrate deployment pipeline and its various stage with a neat sketch	5	L2	7