(Affiliated to University of Mumbai)	***End Semester Examination (R-24/R-25) SH 2026 Answer Key with marking scheme***
Branch: IT	Course: Agile Driven Software Development
Year/ Semester: III/V	Course code: ITC502
Time: 03 hours	Marks: 80

		Marks
Q. 1	All questions are compulsory.	5
A.	5-6 Differences point 5M	5
B.	Agile process 1M Metrics-4M	5
C.	Project planning 1M, Scheduling 2M, Gantt chart 2M	5
D.	5-6 Differences point 5M	5
E.	5 Levels descrption 5M	5
F.	Diagram 1M, Explanation with example 4M	5
Q.2A	Software Configuration Management (SCM) is the process of identifying, organizing, tracking, and controlling changes to software throughout its development lifecycle. It helps maintain consistency, integrity, and traceability of software products. Why SCM is Needed 2 M. **Step** — **Main purpose** Configuration Identification — Identifies items to be managed Configuration Control — Controls and approves changes Status Accounting — Records and tracks configuration status Configuration Auditing — Verifies correctness and completeness Version Control — Manages file and code versions Build and Release Management — Creates and distributes software releases VERISON CONTROL in detail 3 M Change control 3 M Remaining steps 2M	10
	OR	
Q.2B.	Need of user analysis 2M and requirement gathering 3M in UI design. Importance 3M Example 2 M	10
Q.3A	Identify the software development model used in the case study. 2M 2. Explain the role of the Product Owner in this case study 4M 3.What is the purpose of Daily Scrum meetings?4M	10

	OR	
Q.3B	.Identify the software development model used in the case study.2M 2.Explain any four principles of Lean Software Development applied in this case study.4M 3.Analyze how the Lean Model helps reduce waste and improve software quality 4M	10
Q.4A	Compute the function point 4M Productivity 2M, documentation 2M, and cost2M	10
	OR	
Q.4B	Types of risk:2M What is RMMM in short 2 M Risk Mitigation 2M, Monitoring 2M, and Management plan 2M for one of case study	10
Q.5A	Give atleast 5 types of testing with example Each carry 2 marks depends on description	10
	OR	
Q.5B	Need of test automation 2M Any automation technique with example 6M Advantages and drawback 2M	10
Q.6A	Analyze and explanation of case study based on reengineering 6M Difference 4-5 point 4M	10
	OR	
Q.6B	5 difference 5marks Role of security in SDLC 5M	10M
	*********** All the Best***********	