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20MCA107ADVANCED SOFTWARE ENGINEERING

Time: 2.15 Hrs **Maximum Marks: 50**

Qn. No.	PART – A Answer **ALL** questions	Marks	BL	CO
1.	Explain the characteristics required for a good Software.	3	L1	1
2.	Explain Software Elicitation in Requirement Engineering.	3	L1	1
3.	Compare V Model and Prototype model in Software Methodology.	3	L2	1
4.	Illustrate Spiral model in Software Methodology.	3	L1	1
5.	Differentiate between Incremental model and Waterfall model.	3	L2	1
6.	Outline the merits and demerits of Waterfall model in Software methodology.	3	L2	1
7.	List the advantages that distributed version control holds over centralised version control?	3	L1	2
8.	Define pull request and why is it useful when working on open source projects?	3	L1	2
9.	Explain the term remote repository.	3	L1	2
10.	Explain detached head state in git.	3	L1	2
	PART – B			
11a.	Explain the different phases of software development life cycle OR	5	L1	1
11b.	Illustrate Waterfall model with feedback (SASHIMI)and Explain it.	5	L1	1
12a	Explain the requirement types in Requirement Analysis with examples. OR	5	L2	1
12b	Prepare a Software Requirement Specification document for a Banking Information System .	5	L3	1
13a.	Differentiate between the following terms : 1. Pull 2. Clone 3. Fork OR	5	L2	2
13b	Explain the git workflow.	5	L2	2

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14a	Explain the git directory structure and how a version is stored in git. OR	5	L1	2
14b	Explain branching in git. .	5	L1	2