Code No: MC1623/R16

MCA II Semester Supplementary Examinations, September-2022
SOFTWARE ENGINEERING
Time: 3 Hours   **Max. Marks: 60**

Answer Any **FIVE** *Questions*
All Questions Carry Equal Marks

1.	a)	Discuss the Applications of Software.	6M
	b)	Discuss evolving role of software in detail	6M
2.	a)	Explain WINWIN Spiral Model.	6M
	b)	Explain in detail the prototyping process model with merits and demerits.	6M
3.	a)	Narrate the importance of software specification of requirements.	6M
	b)	Explain the software requirement analysis and modelling.	6M
4.	a)	What is the role of software architecture in software engineering and explain the software architecture styles for C view.	6M
	b)	Describe the object oriented and function oriented design with examples.	6M
5.	a)	Discuss about pairwise testing with examples.	6M
	b)	Differentiate between black box and white box testing.	6M
6.	a)	Explain about interclass Test Case Design.	6M
	b)	Give the importance and use of unit testing in software? Explain with an example.	6M
7.	a)	Explain in detail about software measurement.	6M
	b)	What is risk refinement? Explain.	6M
8.	a)	How the improper project planning affects software system? Explain.	6M
	b)	What is coupling and cohesion? Discuss.	6M

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