Code No.: CS405PC

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CMR ENGINEERING COLLEGE: : HYDERABAD UGC AUTONOMOUS

II-B.TECH-II-Semester End Examinations (Supply) - July- 2024 SOFTWARE ENGINEERING (Common to CSE, IT)

[Time: 3 Hours]

[Max. Marks: 70]

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 20 marks. Answer all questions in Part A.

Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

	PART-A (20 Marks)
1. a) b) c) d) e) f) g) h) i)	Differentiate verification and validation. Give an example. Define feasibility study. And list the types. What is system requirements? What do you infer from the design quality attributes 'FURPS'? Explain building blocks of UML. What are the generic characteristics of software testing? What is flow graph notation and show how it is important in white box testing? Difference between Reactive Vs proactive risk strategies?	[2M] [2M] [2M] [2M] [2M] [2M] [2M] [2M]
	PART-B	(50 Marks)
2.	with a neat diagram	ess model [10M]
3.	OR Discuss about the role of Changing Nature of Software and Software myths in soft engineering	tware [10M]
4.	B) Discuss the various steps in requirement engineering process. What are the wo products of engineering the requirements?	ering [5M] rk [5M]
5.	OR What is SRS Document? Explain in detail about the structure of a software required document	ement [10M]
6.	property and the second	[10M]
7.	OR Differentiate architecture design and design phases of SDLC?	[10M]
8.	A) Summarize various testing strategies for conventional software? B) Explain different software product metrics. OR	[5M] [5M]
9.		ire [10M]