Code No: MC1341/R13

MCA IV Semester Supplementary Examinations, April -2019

SOFTWARE ENGINEERING

Time: 3 Hours   **Max. Marks: 60**

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

1.	a	Explain management myths and practitioner myths in detail.	6M
	b	What are the main differences between a student software and industrial strength software?	6M
2.	a	Discuss about unified process model.	6M
	b	Describe project management process and explain the temporal relationship between development and management process.	6M
3.	a	What are some of the project management tasks that you will do differently for a large project as compared to small project.	6M
	b	What measures will you take in a project to measure the productivity and how will you determine the productivity from these measures.	6M
4.	a	What is SRS? Discuss characteristics & components of SRS. Write the structure of SRS.	6M
	b	Define risk? How you prioritize risks. Explain risks mitigation, monitoring and management.	6M
5.	a	What is architecture? Discuss different architectural views with suitable example.	6M
	b	How will you measure the information flow complexity of full design specified as a structure chart?	6M
6.	a	Explain requirement process in detail.	6M
	b	Explain metrics for object oriented design.	6M
7.	a	Explain what are the advantages and disadvantages of inspections and walkthroughs.	6M
	b	Differentiate between white box testing and black box testing.	6M
8.		Write a short note on	12M
		i) Prototype model.	
		ii) COCOMO.	
		iii) State based testing.	

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