Code No: MC1341/R13

MCA IV Semester Regular/ Supplementary Examinations, June-2016
SOFTWARE ENGINEERING

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

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

1.	a	Explain, in detail, the changing nature of software.	6
	b	Describe the software problem scale and change in software engineering.	6
2.	a	What is the definition of software development process model? Explain, in detail, the prototyping model.	6
	b	Explain the extreme programming model with comparing agile process model.	6
3.	a	Explain the evolving role of software in software engineering	6
	b	Define the software process and explain, in detail, the component software process.	6
4.	a	What is the role of software architecture in software engineering and explain the software architecture styles for C view.	6
	b	Describe the object oriented and detailed design with example.	6
5.	a	Explain the software requirements process with an example.	6
	B	What is the need of documentation in architecture design? Explain.	6
6.	a	Describe, in detail, the software project effort estimation.	6
	b	Explain the software design concepts	6
7.	a	Describe the incrementally developing code with an example.	6
	b	What are different testing concepts in software? Explain.	6
8.	a	What is use of unit testing in software? Explain with an example.	6
	b	Write a short notes on	6
		i) Black-box testing	
		ii) White-box testing	

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