BTS(C) – VII– (S) - 09 – 035-A

B. Tech Degree VII Semester (Supplementary) Examination, July 2009

IT 702 – SOFTWARE PROJECT MANAGEMENT
(Common for 1999 & 2002 schemes)

Time: 3 Hours   Maximum Marks: 100

I.	a.	What is software engineering? Explain the need for software engineering.	(10)
	b.	Explain the generic phases of software engineering.	(10)
		OR	
II.	a.	Describe the prototyping model.	(10)
	b.	Explain the characteristics of a software.	(10)
III.	a.	Explain various software project management concepts.	(10)
	b.	Write notes on arrow diagram and precedence diagram.	(10)
		OR	
IV.	a.	Explain different decomposition techniques for software project estimation.	(10)
	b.	Describe function point analysis.	(10)
V.		What are the levels of software project planning? Explain.	(20)
		OR	
VI.	a.	What is SQA? Explain the formal approaches to SQA.	(10)
	b.	Describe formal technical reviews.	(10)
VII.		Describe the salient features of configuration management.	(20)
		OR	
VIII.	a.	Explain software configuration audit.	(10)
	b.	Describe configuration status reporting.	(10)
IX.		Explain the process of establishing a productivity improvement program.	(20)
		OR	
X.	a.	Describe the responsibilities of a project manager.	(10)
	b.	Explain Theory X and Theory Y.	(10)

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