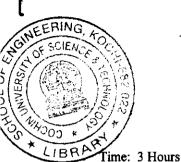BTS(C) – VII – 06 – 045 (A)

B.Tech. Degree VII Semester Examination, November 2006

IT 702 SOFTWARE PROJECT MANAGEMENT
(1999 Admissions onwards)

Time: 3 Hours   Maximum Marks: 100

I	a)	What is the aim of software engineering? Distinguish between a program and a software product.	(10)
	b)	List the differences between the exploratory style and modern software development practices.	(10)

OR

II	a)	Explain the major phases in the water fall model of software development.	(10)
	b)	Describe how a software development effort is initiated and finally terminated in the spiral model.	(10)

III	a)	Explain the components of a software project management plan (SPMP) document.	(10)
	b)	Describe work break down structure of an MIS problem.	(10)

OR

IV		Explain different project estimation techniques.	(20)

V		Describe the steps involved in software project monitoring.	(20)

OR

VI	a)	Explain the quality factors of a software product.	(10)
	b)	Describe how a software quality management system can be developed.	(10)

VII		What is software configuration management? Explain the necessity of SCM.	(20)

OR

VIII		Describe the activities of software configuration management.	(20)

IX	a)	Discuss the components of a productivity measurement system.	(10)
	b)	Explain how a productivity improvement program can be implemented in a software firm.	(10)

OR

X	a)	Define motivation. What are the factors affecting motivation?	(10)
	b)	Explain theory X and Y.	(10)

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