12/05/2015

QP Code: 4320

	(OLD	COURSE)		
	(3	Hours)	[Total Marks: 1	00
N.B.:	(1) Question no. 1 is compulsory.(2) Attempt any four questions out of(3) Assume suitable data wherever no.		stions.	
1. D	raw use-case and class diagram for an	engineering college	e information system.	[20]
81	A college has departments and emprofessors, technical assistants and department and enroll into the varior roll number. For each department sp for labs while others for taking class Each lab has equipments required students of the department. Each prodepartment conducts exams, prepare	d others. Students ous departments in a secific rooms are ass ses. Each lab has tec for conducting preofessor teaches only	pay their fees in acc the college. Each stude signed, some of them are hnical assistant assigner actical. Professors teac y one subject. College	ounts nt has e used d to it. h the
2. (8	a) Explain COCOMO model used for	cost estimation.		[10]
(1) Explain spiral model used for softw	are development		[10]
	*			
3. (a) Define cohesion and coupling. Expl	ain different types o	of cohesion and coupling	g. [10]
(1) Explain version control and change	con'rol with examp	le.	[10]
4. (a) Explain different testing strategies.			[10]
(1	b) Explain reverse and re-engineering.		ë ë	[10]
5. (a) What is requirement? Explain differ	ent types of require	ment.	[10]
(1	b) Explain sequence diagram and its e	lements with examp	le.	[10]
6. (a) Differentiate between static and dyr	amic modeling in d	etail.	[10]
(b) What are an ibutes of software qual	ity? Explain.		[10]
		* **		
7. V	Vrite short notes on (any two)	e ⁵		[20]
(i	Task network and timeline char	t		
(1	Types of maintenance	* *	¥.	

RJ-Con. 8382-15.

Agile process

Formal technical review

(iii)

(iv)