Seat No.: _		Enrolment No	
		GUJARAT TECHNOLOGICAL UNIVERSITY	
		ME Semester –III Examination Dec 2011	
•		code: 730104 Date: 08/12/2011	
•		Name: Software Engineering Methodology	
		0.30 am – 01.00 pm Total Marks: 70	
Instru		ns: Attempt all questions.	
		Make suitable assumptions wherever necessary.	
		Figures to the right indicate full marks.	
Q.1	(a)	• • • •	04
		Explain the strategy.  (ii) Why is highly coupled module difficult to unit test?	03
	(b)		03
	( )	the measures are normalized? Explain size and function oriented metrics.	
0.3	( )	Wilest in Land attended to the control of the contr	07
Q.2	(a) (b)	± • • • • • • • • • • • • • • • • • • •	07 07
	(2)	A program reads three integer values. The three values are interpreted as	0,
		representing the lengths of the sides of a triangle. The program prints a	
		message that states whether the triangle is scalene, isosceles or equilateral. <b>OR</b>	
	(b)		07
	( )	decomposition.	
Q.3	(a)	Explain the giv class based design matrics for chiest oriented system referred	07
	(a)	Explain the six class based design metrics for object oriented system referred as CK metrics suite?	U/
	<b>(b)</b>		07
		estimation? Give example of each.	
0.3	(a)	OR Develop use cases for library management system.	07
Ų.J	(a) (b)		07
0.4	( )	people and effort distribution.	
	(a)	Using an actual web site as an example, illustrate the different manifestation of	07
Q.4	(a)	WebApp "content".	U /
	(b)	How risk table is helpful? Illustrate with example how risk table is prepared?	07
0.4	(2)	OR List the chiestives of requirements gethering for WebAnne? Which	07
Q.4	(a)	List the objectives of requirements gathering for WebApps? Which requirement gathering steps are conducted to achieve these objectives?	07
0 -	(b)	Explain the layers of software configuration management process.	07
Q.5	(a) (b)		07 07
	(D)	(i) Aesthetic design	U/
		(ii) Architecture design	
o -		OR	o =
Q.5	(a)		07 07
	<b>(b)</b>	(i) Document restructuring	U/
		(ii) Reverse engineering	
		(iii) Forward engineering	
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