Sample Exam Questions for SE

	core	Evaluator	Section I: Completion by Matching. Identify the letter of the choice that best complete each statement.		
	Λ Λ	vailability	N. Reuse		
		ctivity	O. Scenario testing		
		lient-server	P. Sociotechnical systems		
		ontext	Q. Specification		
		evelopment	R. System requirements		
		thnography	S. Technical systems		
		quivalence part	•		
		anctional requir			
		eterogeneity	V. User interfaces		
		teraction	W. User requirements		
		pen-source	X. Validation		
		ir programming			
	M.	Pipe and file			
<u> </u>	system : 6	may be used an	is an approach to release testing where you write a story describing how a nd design tests based on the sequence of events in the scenario. is/are self-aware and include defined operational processes and procedures. is the ability of a system to deliver services when requested.		
 A	system 6 7 19. Re	may be used an	nd design tests based on the sequence of events in the scenario.		
	system 6 7 19. Re importa 20	equirements ex	is/are self-aware and include defined operational processes and procedures. is the ability of a system to deliver services when requested. spressed as scenarios,, and test-first development are three cs of extreme programming.		
	system 6 7 19. Re importa 20	equirements ex	is/are self-aware and include defined operational processes and procedures. is the ability of a system to deliver services when requested. spressed as scenarios,, and test-first development are three ics of extreme programming. are statements in a language that is understandable to a user of what ould provide and the constraints under which it operates.		
	system 6 7 19. Re importa 20 services core 21 number	equirements exact characteristics the system shows Evaluator is the phere of different sy	is/are self-aware and include defined operational processes and procedures. is the ability of a system to deliver services when requested. spressed as scenarios,, and test-first development are three cs of extreme programming are statements in a language that is understandable to a user of what ould provide and the constraints under which it operates. Section II: Multiple Choices. Identify the choice that best completes the statement or answers the question.		
	system 6 7 19. Re importa 20 services core	equirements examt characteristics the system should be a system should	is/are self-aware and include defined operational processes and procedures. is the ability of a system to deliver services when requested. spressed as scenarios,, and test-first development are three cs of extreme programming. are statements in a language that is understandable to a user of what ould provide and the constraints under which it operates. Section II: Multiple Choices. Identify the choice that best completes the statement or answers the question.		

The component level

b.

The object level

- The system level c.
- 23. Which is **NOT** one of the principal system re-engineering activities? Е
 - Source code translation
- d. Reverse engineering
- b. Program structure improvement
- Program Debuging e.
- c. Program modularisation
- f. Data re-engineering
- 24. Which is **NOT** one of the four principal dependability properties? Understandability
 - d. Reliability
 - b. Availability
- e. Safety
- Security
- 25. Which is **NOT** one of the 4 sectors in each loop in Boehm's spiral model? В
 - Objective setting
- Risk assessment and reduction
- Feasibility study b.
- Development and validation e.

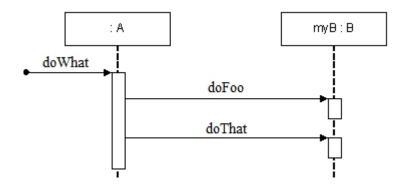
Planning c.

Score	Evaluator	Section III: Short Answer. Please Select (mark a ✓ before the No.
		of the question chosen) and briefly answer 2 from the following 3
		questions. (Question 31~33, 9 pts for each short answer, totally 18 pts)

- 31. Explain, using examples as appropriate, what is meant by the following architectural style (choose only one from the following four styles):
 - Pipes and filters architecture
 - b. Layered architecture
 - Client-server architecture
 - d. Object-oriented architecture

Score	Evaluator	Continue IV. Doning Developmen
		Section IV: Design Problems.

32. Consider the following Sequence Diagram in design stage, draw a equivalent communication diagram and write down the corresponding code segments in any object-oriented programming language for class A and class B.



Score	Evaluator	Section V:		Answer the following question.	
		Section V.	Essay.	Answer the following question.	

35. (? related to the course projects)