Sample Exam Questions for SE

Score	Evaluator	Section I: Completion by Matching. Identify the letter of the choice that best complete each statement.		
	A 7.17%	N. D.		
	Availability	N. Reuse		
	Activity	O. Scenario testing		
	Client-server	P. Sociotechnical systems		
	Context	Q. Specification		
	Development	R. System requirements		
	Ethnography	S. Technical systems		
	Equivalence part			
	Functional requi			
	Heterogeneity	V. User interfaces		
	Interaction	W. User requirements		
	Open-source	X. Validation		
	Pair programmin			
IVI.	Pipe and filter	Z. Workflow		
6.		is/are self-aware and include defined operational processes and procedures.		
<u> </u>		is the ability of a system to deliver services when requested.		
		expressed as scenarios,, and test-first development are three ics of extreme programming.		
/ 20 servic		are statements in a language that is understandable to a user of what ould provide and the constraints under which it operates.		
Score	Evaluator	Section II: Multiple Choices. Identify the choice that best completes the statement or answers the question.		
numb	er of different sy a. Concerning	nomenon where a module in a system implements or partially implements a system requirements. c. Floating		
	o. Scattering	d. Tangling		
22. V		ne of the 4 levels at which software reuse is possible?		
a	 The abstract 	ion level d. The specification level		

The component level

e.

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.

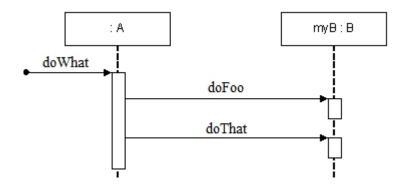
Planning c.

Score	Evaluator	Section III: Short Answer. Please Select (mark a ✓ before the No.					
	of the question chosen) and briefly answer 2 from the						
		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:	Essay	Angwar the following question	
		Section V.	Essay.	Answer the following question.	

35. (? related to the course projects)