

These are sample MCQs to indicate pattern, may or may not appeared in examination

UNIVERSITY OF MUMBAI

Online Examination 2020

Program: BE ComputerEngineering

Curriculum Scheme: Revised 2016

Examination: Third Year Semester VI

Course Code: CSC601 and Course Name: SOFTWARE ENGINEERING

Time: 1hour

Max. Marks: 50

Q1.	“Consider a system where, a heat sensor detects an intrusion and alerts the security company.” What kind of a requirement the system is providing ?
Option A:	Functional requirements
Option B:	Non Functional requirements
Option C:	Known Requirement
Option D:	support Requirements
Q2.	Which two of the following models will not be able to give the desired outcome if user’s active participation is not involved?
Option A:	Waterfall & Spiral
Option B:	RAD & Spiral
Option C:	RAD & Waterfall
Option D:	RAD & Prototyping

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Q3.	Which of the following life cycle model can't be chosen if the development team has less experience on similar projects?
Option A:	Spiral
Option B:	Waterfall
Option C:	RAD
Option D:	Iterative Model
Q4.	_____ & _____ diagrams of UML represent Interaction modeling.
Option A:	Use Case, Sequence
Option B:	Class, State chart
Option C:	Activity, State Chart
Option D:	Object, Activity
Q5.	Function Points in software engineering was first proposed by
Option A:	Booch
Option B:	Boehm
Option C:	Albrecht
Option D:	Jacobson
Q6.	What is Architecture of a software based on?
Option A:	Design
Option B:	Requirements
Option C:	All of the mentioned
Option D:	None of the mentioned
Q7.	Which of the following type has the main goal to achieve performance?
Option A:	Main program and subroutine Architecture

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Option B:	Remote Procedure Call system
Option C:	Object Oriented or abstract data type system
Option D:	All of the mentioned
Q8.	The software engineering task that follows component-level design
Option A:	Code Generation
Option B:	Unit Testing
Option C:	User Interface Testing
Option D:	None of the mentioned
Q9.	Risk mitigation is considered as a problem _____ activity.
Option A:	tackling
Option B:	creating
Option C:	making
Option D:	avoidance
Q10.	Out of the following, which is not main category of software quality management?
Option A:	Quality assurance
Option B:	Quality planning
Option C:	Quality control
Option D:	Quality implementation
Q11.	Which of the following is/are White box technique?
Option A:	Statement Testing
Option B:	Decision Testing
Option C:	Condition Coverage
Option D:	All of the mentioned

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Q12.	What are the various Testing Levels?
Option A:	Unit Testing
Option B:	System Testing
Option C:	Integration Testing
Option D:	All of the mentioned
Q13.	Boundary value analysis belong to?
Option A:	White Box Testing
Option B:	Black Box Testing
Option C:	White Box & Black Box Testing
Option D:	None of the mentioned
Q14.	Which of the following diagram is not supported by UML considering Data-driven modeling ?
Option A:	Activity
Option B:	Data Flow Diagram (DFD)
Option C:	State Chart
Option D:	Component
Q15.	Which of the following component is used to clarify which actor performs which activity in an activity diagram?
Option A:	Forks
Option B:	Joins
Option C:	Swimlanes
Option D:	State
Q16.	What is the meaning of Functional Cohesion?
Option A:	Operations are part of single functional task and are placed in same procedures.

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Option B:	All operations that access the same data are defined within one class.
Option C:	All operations that access the data from outside the module.
Option D:	None of the above.
	Three statements are given below regarding the User Interface Design, 1. Place the user in control. 2. Reduce the user's memory load. 3. Make the interface consistent.
Q17.	These rules are called as _____ .
Option A:	Golden Rule
Option B:	Silver Rule
Option C:	User Rule
Option D:	Interface rule
Q18.	_____ is an indication of the relative functional strength of a module.
Option A:	Cohesion
Option B:	Coupling
Option C:	Modularity
Option D:	Cohesion and coupling.
Q19.	What is alternate name of PDL(Program design language)
Option A:	structured English
Option B:	pseudocode
Option C:	Both A and B
Option D:	None of the mentioned
Q20.	Behavioral testing is
Option A:	White box testing

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Option B:	Black box testing
Option C:	Grey box testing
Option D:	None of the mentioned
Q21.	Which of the following is not Interface Design Process Activity
Option A:	User, task, and environment analysis and modeling
Option B:	Interface validation
Option C:	Interface construction
Option D:	Interface Testing
Q22.	Which of the following is not a criteria to be used to assess design notation
Option A:	Modularity.
Option B:	Structure enforcement
Option C:	Data representation
Option D:	None of the mentioned
Q23.	Alpha testing is done at
Option A:	Developer's end
Option B:	User's end
Option C:	Developer's & User's end
Option D:	None of the mentioned
Q24.	Testing done without planning and Documentation is called
Option A:	Unit testing
Option B:	Regression testing
Option C:	Adhoc testing
Option D:	None of the mentioned

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Q25.	By collecting _____ during software testing, it is possible to develop meaningful guidelines to halt the testing process.
Option A:	Failure intensity
Option B:	Testing time
Option C:	Metrics
Option D:	All of the mentioned

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