

University of Mumbai
Examination 2020 under cluster 2 (FRCRCE)

Program: BE Information Technology

Curriculum Scheme: Revised 2012

Examination: Third Year Semester VI

Course Code: TEITC601 and Course Name: Software Engineering

Time: 1 hour

Max. Marks: 50

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Note to the students:- All the Questions are compulsory and carry equal marks .

Q1.	What is the unit of measurement that is used to measure the size of a user story for an Agile project?
Option A:	Function points
Option B:	Story points
Option C:	Work breakdown points
Option D:	Velocity points
Q2.	Which of the following is not the risk mitigation strategy
Option A:	Risk acceptance
Option B:	Risk transference
Option C:	Risk modification
Option D:	Risk avoidance
Q3.	The_____ transforms structural elements of the software architecture into a procedural description of software components
Option A:	Data design
Option B:	Architectural design
Option C:	Interface design
Option D:	Component level Design
Q4.	How is Agile planning different from the traditional approach to planning?
Option A:	Agile planning is done only once
Option B:	Agile planning is non iterative
Option C:	Agile planning places emphasis on the plan
Option D:	Agile planning places emphasis on planning and is iterative
Q5.	Which of the following is not White box technique?
Option A:	Equivalence Partitioning
Option B:	Decision Testing
Option C:	Condition Coverage
Option D:	Statement Testing

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Q6.	_____ Consist of previously defined entities, attributes, and relationships are used to design the database structure, including all of the necessary details (like the number of tables, columns, and data types needed).
Option A:	Logical Data model
Option B:	Physical Data model
Option C:	Conceptual Data model
Option D:	Application Data model
Q7.	'The degree of uncertainty that the product will meet its requirements and be fit for its intended use', can be considered as which type of risk?
Option A:	Performance risk
Option B:	Cost risk
Option C:	Support risk
Option D:	Schedule risk
Q8.	The Unified Modeling Language (UML) has become an effective standard for software modeling. How many different interaction models it have?
Option A:	Three
Option B:	Four
Option C:	Six
Option D:	Two
Q9.	Word Processing Software Development is an example of which Process Model?
Option A:	Incremental Process Model
Option B:	Prescriptive Process Model
Option C:	Evolutionary Process Model
Option D:	Specialized Process Model
Q10.	Some software teams do not develop a formal RMMM document. Rather, each risk is documented individually using
Option A:	Risk Innovation Sheet
Option B:	Risk Management Sheet
Option C:	Risk Information Sheet
Option D:	Risk Monitoring Sheet
Q11.	Which of the following is not a phase of CMMI?
Option A:	Initial
Option B:	Defined
Option C:	Integrated
Option D:	Quantitatively Managed
Q12.	Verification is:
Option A:	Checking that we are building the system right
Option B:	Checking that we are building the right system
Option C:	Making sure that it is what the user really wants

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Option D:	Performed by an independent test team
Q13.	The UML supports event-based modeling using _____ diagrams.
Option A:	Deployment
Option B:	Collaboration
Option C:	State chart
Option D:	Class diagram
Q14.	A graphical technique for finding if changes and variation in metrics data are meaningful is known as?
Option A:	DRE (Defect Removal Efficiency)
Option B:	Function points analysis
Option C:	Control Chart
Option D:	COCOMO
Q15.	Collection that defines a set of activities, actions, work tasks, work product and related behavior required to develop Computer Software is called?
Option A:	Process Cell
Option B:	Process Pattern
Option C:	Cell Pattern
Option D:	Bit Pattern
Q16.	Exhaustive testing is
Option A:	impractical but possible
Option B:	practically possible
Option C:	always possible
Option D:	impractical and impossible
Q17.	Which of the following is not included in External failure costs?
Option A:	Testing
Option B:	Help line support
Option C:	Warranty work
Option D:	Complaint resolution
Q18.	Which one of the following is NOT desired in a good Software Requirement Specifications (SRS) document?
Option A:	Functional Requirements
Option B:	Non-Functional Requirements
Option C:	Goals of Implementation
Option D:	Algorithms for Software Implementation
Q19.	Testing that tests the high levels of system before testing its detailed components.
Option A:	Top-down testing
Option B:	Bottom-up testing

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Option C:	Thread testing
Option D:	Stress testing
Q20.	Project's LOC Metric stands for:
Option A:	Lines of Code
Option B:	Location of Code
Option C:	Latency of Code
Option D:	Language of Code
Q21.	What is the full form of CMMI?
Option A:	Capability Maturity Model Integration
Option B:	Capability Managed Maturity Integration
Option C:	Capability Maturity Model Integrator
Option D:	Capability Maturity Model Interpretation
Q22.	_____ Builds the model using requirements elicited from the customer
Option A:	Team lead
Option B:	Analyst
Option C:	Tester
Option D:	Owner of company
Q23.	Which one of the following is not the Indirect Software measure?
Option A:	Quality
Option B:	Complexity
Option C:	Efforts
Option D:	Efficiency
Q24.	_____provides us with representations of software that can be assessed for quality.
Option A:	Design
Option B:	Testing
Option C:	Standards
Option D:	Product
Q25.	Which one is not Software Configuration Management Process
Option A:	Change Control
Option B:	Version Control
Option C:	Object identification
Option D:	Inspection