

University of Mumbai
Examination 2020 under cluster 4 (PCE)

Program: BE Computer Engineering
Curriculum Scheme: Rev2016
Examination: Third Year Semester VI
Course Code :CSC601 and Course Name:SE

Time: 1 hour

Max. Marks: 50

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scheme and scheduled on 25/09/2020 has to have the file name as
2609_R16_Comp_VI_CSC601_QP4

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

Q1.	The state Diagram indicates _____
Option A:	Relationship between data objects
Option B:	Functions that transforms data flow
Option C:	how data transformed by system
Option D:	System reaction to external events
Q2.	The spiral model has two dimensions namely _____ and _____
Option A:	diagonal, angular
Option B:	radial, perpendicular
Option C:	radial, angular
Option D:	diagonal, perpendicular
Q3.	Who should necessarily attend the Daily Standup meeting?
Option A:	The Development Team
Option B:	The Scrum Team
Option C:	The Development Team and the Product Owner
Option D:	The Development Team and the Scrum Master
Q4.	Which four framework activities are found in the Extreme Programming(XP) ?
Option A:	analysis, design, coding, testing
Option B:	planning, analysis, design, coding
Option C:	planning, design, coding, testing
Option D:	planning, analysis, coding, testing
Q5.	Which diagram represents the interaction of the user with the software but tells nothing about the internal working of the software?
Option A:	Use case
Option B:	Class
Option C:	Activity
Option D:	Sequence
Q6.	UML activity diagram is useful for representing _____
Option A:	Flow Based Elements
Option B:	Scenario-based Elements

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Option C:	Class Based Elements
Option D:	Behavioral Elements
Q7.	SRS document is called black box specification of a system because
Option A:	It does not contain the contradictory materials
Option B:	It does not contain the user documentation
Option C:	It should specify only the external behaviour of the system
Option D:	It contain the functional and non-functional Requirements
Q8.	Which of the following costs is not part of the total effort cost?
Option A:	Costs of lunch time food
Option B:	Costs of networking and communications
Option C:	Costs of providing heating and lighting office space
Option D:	Costs of support staff
Q9.	Which technique is applicable when other projects in the same analogy application domain have been completed?
Option A:	Algorithmic cost modelling
Option B:	Expert judgement
Option C:	Estimation by analogy
Option D:	Parkinson's Law
Q10.	COCOMO stands for
Option A:	Constructive cost model
Option B:	Comprehensive cost model
Option C:	Constructive cost estimation model
Option D:	Complete cost estimation model
Q11.	What is used to determine the recommended degree of rigor with which the software process should be applied on a project?
Option A:	Degree of Rigor
Option B:	Adaptation criteria
Option C:	Task Set
Option D:	Both degree of Rigor and adaptation criteria
Q12.	Cohesion is a qualitative indication of the degree to which a module
Option A:	can be written more compactly
Option B:	focuses on just one thing
Option C:	is able to complete its function in a timely manner
Option D:	is connected to other modules and the outside world
Q13.	Which of the following is the best type of module cohesion?
Option A:	Logical Cohesion
Option B:	Temporal Cohesion
Option C:	Functional Cohesion
Option D:	Sequential Cohesion

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Q14.	Which of the following is not a user interface design process?
Option A:	User, task, and environment analysis and modeling
Option B:	Knowledgeable, frequent users
Option C:	Interface validation
Option D:	Error prevention & handling
Q15.	UNIX shell program is example of
Option A:	Data flow architecture
Option B:	Call & return architecture
Option C:	Layered system architecture
Option D:	Object oriented architecture
Q16.	Which of the following is not a build system feature?
Option A:	Minimal recompilation
Option B:	Documentation generation
Option C:	Reporting
Option D:	Storage management
Q17.	Which of the following is not a configuration item?
Option A:	Design & Test specification
Option B:	Source code
Option C:	Log information
Option D:	Testing
Q18.	Which of the following is not an appraisal cost in SQA?
Option A:	inter-process inspection
Option B:	maintenance
Option C:	quality planning
Option D:	testing
Q19.	Which of the following does not affect the software quality and organizational performance?
Option A:	Market
Option B:	Product
Option C:	Technology
Option D:	People
Q20.	The intent of project metrics is:
Option A:	minimization of development schedule
Option B:	for strategic purposes
Option C:	assessing project quality on ongoing basis
Option D:	minimization of development schedule and assessing project quality on ongoing basis
Q21.	Which of the following is not the part of a test plan ?
Option A:	Risks
Option B:	Incident reports

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Option C:	Features to be tested
Option D:	schedule
Q22.	In Re-engineering process, which concept is used in order to get re-engineered software?
Option A:	Apply forward engineering
Option B:	Perform
Option C:	Reverse Engineering
Option D:	Re- structure program
Q23.	In Software maintenance, which one of the following testing is used?
Option A:	Integration testing
Option B:	System testing
Option C:	Regression testing
Option D:	Unit testing
Q24.	White box testing technique is also classified as
Option A:	Design based testing
Option B:	Static testing
Option C:	Structural testing
Option D:	Error guessing technique
Q25.	When is a Sprint Retrospective ceremony performed?
Option A:	Whenever the team suggests
Option B:	At the end of each Sprint
Option C:	Whenever needed
Option D:	Whenever the Product Owner suggests

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Question	Correct Option (Enter either 'A' or 'B' or 'C' or 'D')
Q1.	D
Q2.	C
Q3.	A
Q4	C
Q5	A
Q6	B
Q7	C
Q8.	A
Q9.	C
Q10.	A
Q11.	B
Q12.	B
Q13.	C
Q14.	B
Q15.	A
Q16.	D
Q17.	D
Q18.	C
Q19.	A
Q20.	D
Q21.	B
Q22.	A
Q23.	C
Q24.	C
Q25.	B

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