

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

University of Mumbai

Examination 2020

Program: BE Computer Engineering

Curriculum Scheme: Revised 2012

Examination: Third Year Semester VI

Course Code: CPC 602 and Course Name: Software Engineering

Time: 1hour

Max. Marks: 50

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

Q1.	Which of the following is the process of assembling program components, data, and libraries, and then compiling and linking these to create an executable system?
Option A:	System building
Option B:	Release management
Option C:	Change management
Option D:	Version management
Q2.	Which of the following is not a Software Configuration Management Activity?
Option A:	Configuration item identification
Option B:	Risk management
Option C:	Release management
Option D:	Branch management
Q3.	What is NOT an Agile methodology?
Option A:	Extreme programming (XP)
Option B:	Scrum
Option C:	Crystal Clear
Option D:	PMBOK® 3
Q4.	Which of the following is not a direct measure of SE process?
Option A:	Efficiency
Option B:	Cost
Option C:	Efforts

Option D:	Time
Q5.	In size oriented metrics, metrics are developed based on the _____
Option A:	number of Functions
Option B:	number of user inputs
Option C:	number of lines of code
Option D:	amount of memory usage
Q6.	Inspections and testing are what kinds of Quality Costs?
Option A:	Prevention
Option B:	Internal Failure
Option C:	External Failure
Option D:	Appraisal
Q7.	The importance of software design can be summarized in a single word which is:
Option A:	Efficiency
Option B:	Accuracy
Option C:	Quality
Option D:	Complexity
Q8.	Which Of The Following Is An Independent Malicious Program That Need Not Any Host Program?
Option A:	Trap Doors
Option B:	Trojan Horse
Option C:	Virus
Option D:	Worm
Q9.	With reference to software security, which one of the following statement about a password is TRUE?
Option A:	It must be changed only if it is compromised.
Option B:	It cannot contain special character symbols.
Option C:	It must be registered with the system administrator.
Option D:	It should be changed regularly.
Q10.	If the user queries a collection of large databases and extracts information from the webapp, the webapp is categorized under
Option A:	Service oriented app

Option B:	Database access app
Option C:	Portal app
Option D:	Data warehousing app
Q11.	DRE stands for _____
Option A:	Defect Removal Efficiency
Option B:	Detect Redundant Errors
Option C:	Defectively Run Enumerations
Option D:	Detect Random Error
Q12.	What category of web-based system would you assign to electronic shopping?
Option A:	Informational
Option B:	Interactive
Option C:	Transaction-oriented
Option D:	Workflow-oriented
Q13.	Who designs and implement database structures.
Option A:	Programmers
Option B:	Project managers
Option C:	Technical writers
Option D:	Database administrators
Q14.	Actual programming of software code is done during the _____ step in the SDLC.
Option A:	Maintenance and Evaluation
Option B:	Design
Option C:	Analysis
Option D:	Development and Documentation
Q15.	In the Analysis phase, the development of the _____ occurs, which is a clear statement of the goals and objectives of the project.
Option A:	documentation
Option B:	flowchart
Option C:	program specification
Option D:	design

Q16.	Which of the following risks are derived from the organizational environment where the software is being developed?
Option A:	People risks
Option B:	Technology risks
Option C:	Estimation risks
Option D:	Organizational risks
Q17.	Which of the following risks are derived from the software or hardware technologies that are used to develop the system?
Option A:	Managerial risks
Option B:	Technology risks
Option C:	Estimation risks
Option D:	Organizational risks
Q18.	Which of the following term is best defined by the statement: "Derive traceability information to maximize information hiding in the design."?
Option A:	Underestimated development time
Option B:	Organizational restructuring
Option C:	Requirements changes
Option D:	Planning
Q19.	If a problem occurs in a system 6 months after it completely goes live, what will be the approach for fixing that problem on very urgent basis?
Option A:	Go for retest and then use risk assessment to decide reasonable subset of regression test suit that will be executed.
Option B:	Always go for full regression test
Option C:	Do not involve testers
Option D:	Just go for retest
Q20.	When can customer says that the quality of the product is too good?
Option A:	Software meets its defined specification
Option B:	Software is technically excellent
Option C:	Software has few bugs
Option D:	Software fulfills expectations of customer
Q21.	What is normally considered as an adjunct to the coding step
Option A:	Integration testing
Option B:	Unit testing

Option C:	Completion of Testing
Option D:	Regression Testing
Q22.	In which testing level the focus is on customer usage?
Option A:	Alpha Testing
Option B:	Beta Testing
Option C:	Validation Testing
Option D:	Both Alpha and Beta
Q23.	Adding _____ people to a _____ project makes it _____
Option A:	Less, more, in time
Option B:	more, late, later
Option C:	more, later, late
Option D:	few, big, well
Q24.	What are the Four P's in Software Engineering?
Option A:	Project, Production, Product, Purchase
Option B:	Price, Process, President, People
Option C:	Project, People, Product, Process
Option D:	Process, Procedure, Price, Provide
Q25.	Which of the following is a project scheduling method that can be applied to software development?
Option A:	PERT
Option B:	CPM
Option C:	CMM
Option D:	Both PERT and CPM