Time: 1 hour   Max. Marks: 50

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

Q1.	Which of these are necessary requirements for Iteration mechanism?
Option A:	Access Current
Option B:	Information Hiding
Option C:	Initialize
Option D:	Completion Test
Q2.	The company ABC is developing a software. It has the following four phases: Planning, risk analysis, engineering and evaluation. The development is proceeding in iterations.
	After the evaluation phase is over for the first iteration (spiral), second iteration (spiral) starts In the second iteration again all the 4 activities (Planning, risk analysis, engineering and evaluation) are performed. In a similar way, third iteration is done. This process continues until the final product is obtained which meets the user Requirements.
	Which SDLC has the company adopted?
Option A:	Waterfall model
Option B:	XP
Option C:	Concurrent Development Model
Option D:	Spiral Model
Q3.	In_____ , computer systems are programmed for cross cutting concerns by providing aspects
Option A:	Aspect-Oriented Development
Option B:	RAD
Option C:	Concurrent development model
Option D:	Prototyping Model
Q4.	_____ is not recommended approach if the requirements are uncertain or have the risk of change
Option A:	Agile model

Option B:	Spiral model
Option C:	Waterfall model
Option D:	RAD Model
Q5.	_____ is agile methodology does not allow for changes in iterations, however_____ is another agile methodology works in strict priority order and allows changes to iterations
Option A:	Extreme Programming, Scrum
Option B:	Scrum, Extreme Programming
Option C:	Scrum, Waterfall Model
Option D:	waterfall model, Scrum
Q6.	What artifact does Extreme Programming use to describe the product's functionality in terms meaningful to customers and users?
Option A:	The Product Backlog
Option B:	The Sprint Backlog
Option C:	User Stories
Option D:	Increment
Q7.	Following principles are belongs to _____ type of Modelling. 1) Design should be traceable to the analysis model. 2) Design of data is as important as design of processing functions. 3) Design representation(model) should be easily understandable. 4) The design should be developed iteratively.
Option A:	Analysis Modeling
Option B:	Design Modeling
Option C:	Development Modeling
Option D:	Behavioral Modeling
Q8.	Which one of the following is not a core principles of Software engineering practices?
Option A:	The Reason It All Exists
Option B:	Keep It Simple, Stupid
Option C:	Keep it Simple And Similar
Option D:	what you produce, others will consume
Q9.	What is Portability in the case of non-functional requirements?
Option A:	The ability of the system to behave consistently in a user-acceptable manner when operating within the environment for which the system was intended
Option B:	It cannot be enhanced by using languages, OS and tools that are universally available and standardized
Option C:	It is a degree to which software running on one platform can easily be converted to run on another platform.
Option D:	The design of external interfaces should incorporate error checking and (when necessary) appropriate security features
Q10.	In Which of the below model is an early sample or early release of the end

	product is first developed, tested. This sample/prototype is then refined as per customer feedback repeatedly till a final acceptable prototype is achieved. This will form the basis for developing the final product
Option A:	Waterfall
Option B:	Concurrent Development Model
Option C:	XP
Option D:	Prototyping model
Q11.	The requirements that result from requirements analysis are typically expressed from one of three perspectives or views. What is that perspective or view ?
Option A:	Developer
Option B:	User
Option C:	Non-Functional
Option D:	Physical
Q12.	Which design model elements are used to depict a model of information represented from the user's view?
Option A:	Interface design elements
Option B:	Component –level design elements
Option C:	Architectural design elements
Option D:	Data design elements
Q13.	The degree to which a module has a cohesion and qualitative indication which ___.
Option A:	is able to complete to other modules and the outside world
Option B:	focuses on just one thing
Option C:	can be written more compactly
Option D:	Is connected to complete its function in a timely manner
Q14.	Software reliability is defined with respect to
Option A:	time
Option B:	bugs
Option C:	failures
Option D:	Quality
Q15.	Risk management is one of the most important jobs for a
Option A:	Client
Option B:	Investor
Option C:	Production team
Option D:	Project manager
Q16.	Boundary value analysis belong to?
Option A:	White Box Testing
Option B:	Black Box Testing
Option C:	White Box & Black Box Testing
Option D:	Gray Box

Q17.	Which of the following is the task of project indicators:
Option A:	help in assessment of status of ongoing project
Option B:	track potential risk
Option C:	help in assessment of status of ongoing project & track potential risk
Option D:	Assessment
Q18.	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
Q19.	Defects removal efficiency (DRE)depends on:
Option A:	E – errors found before software delivery
Option B:	D – defects found after delivery to user
Option C:	Errors found before software Delivery and defects found after delivery to user
Option D:	Varies with project
Q20.	In Risk management process what makes a note of all possible risks, that may occur in the project?
Option A:	Manage
Option B:	Monitor
Option C:	Categorize
Option D:	Identification
Q21.	Which of the following risk is the failure of a purchased component to perform as expected?
Option A:	Product Risk
Option B:	Project Risk
Option C:	Business Risk
Option D:	Known Risk
Q22.	Select which option is not true about SQA…?
Option A:	Audits and reviews to be performed by the team
Option B:	Amount of technical work to be performed
Option C:	Evaluations to be performed
Option D:	Documents that are produced by the SQA team.
Q23.	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

Q24.	Which of the following term is best defined by the statement "The creation of a new code line from a version in an existing code line"?
Option A:	Branching
Option B:	Merging
Option C:	Code line
Option D:	Mainline
Q25.	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